

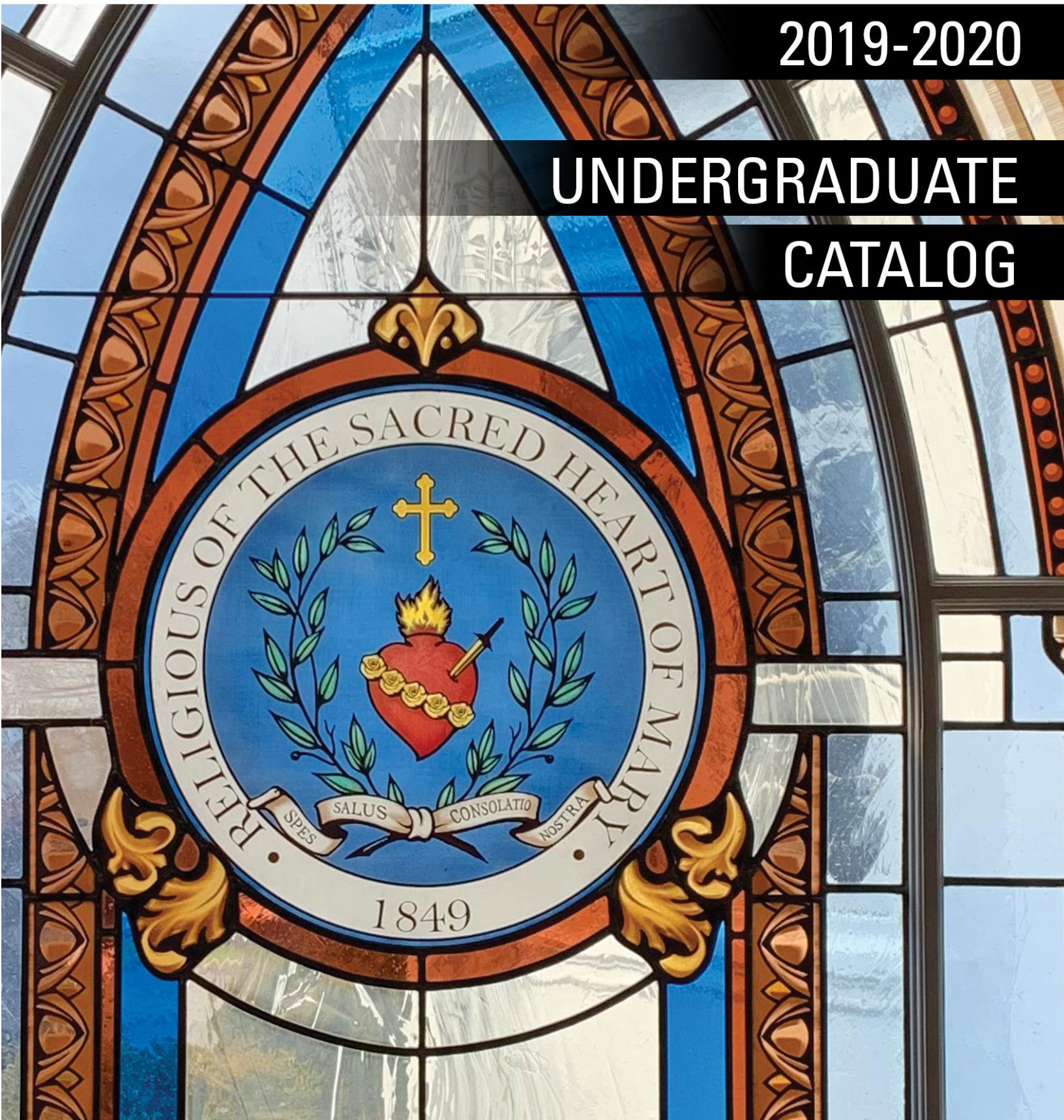
Learn
with **purpose**



MARYMOUNT
UNIVERSITY

2019-2020

UNDERGRADUATE CATALOG



MARYMOUNT UNIVERSITY

UNDERGRADUATE CATALOG 2019-20

Hallmarks of a Marymount University Education

Scholarship

Leadership

Service

Ethics

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The University Catalog

The academic requirements and regulations of Marymount University are published in this official university catalog and in other university announcements. This catalog was prepared with information available at the time of publication and is subject to change. The university reserves the right to terminate programs or change its program requirements, content and sequence of courses, and program offerings. The university also reserves the right to change without notice its fees and charges, course offerings, academic policies, calendars, regulations, and other provisions cited in this publication.

The provost and vice president for academic affairs is the official representative of the university in matters pertaining to the scholastic life of the student body. Regulations made by the provost in addition to, in abrogation of, or in interpretation of the regulations stated herein have the same force as the regulations themselves. Further information and advice regarding academic regulations may be secured by inquiring in the Office of the Provost and Vice President for Academic Affairs and in the Office of the Registrar.

The requirements to be met by a student are stated in the university catalog current at the time of the student's initial matriculation or declaration of a major. Students are responsible for the information contained in the university catalog; they are to be acquainted with and assume responsibility for all requirements of their degree program. Failure to read and comply with university regulations will not exempt students from those regulations. In case of ambiguity, discrepancy, or disagreement, the regulations stated in this catalog and any subsequent modifications or interpretations by the provost and vice president for academic affairs will prevail. Students separating from the university for one year or more are bound by the catalog in effect when they are readmitted.

Official email correspondence from the university is sent to students' Marymount email accounts. Students are responsible for checking their Marymount email on a regular basis for important announcements. Failure to check email accounts will not exempt students from meeting university deadlines or complying with university policies and procedures announced via email.

Marymount University does not discriminate on the basis of race, color, national origin, sex, age, disability, religion, sexual orientation, or other protected class in any of its educational programs or its activities. Marymount University complies with the Family Educational Rights and Privacy Act of 1974 (as amended).

The university is an Affirmative Action/Equal Opportunity Employer.

General Information

Academic Calendar

Fall Semester 2019

August 5	Fall 2019 tuition payment due
August 22-24	Undergraduate Student Orientation
August 24	Graduate Student Orientation
August 26	Classes begin
August 26	First fall Mini-Mester classes begin
August 28	Last day to add first fall Mini-Mester class
August 30	Last day to drop first fall Mini-Mester class with 100% refund of tuition and fees; no refunds after this date
August 30	Last day to drop first fall Mini-Mester class without academic record
August 31	First day to withdraw from first fall Mini-Mester class with a grade of W
September 2	Labor Day holiday — university closed
September 3	Last day to late register, add, or drop a full semester class
September 3	Last day to drop a full semester class with 100% refund of tuition and fees
September 4	First day to withdraw from a full semester class with a grade of W
September 4	Mass of the Holy Spirit — no classes between 11 am and 3 pm
September 6	Last day to withdraw from first fall Mini-Mester class with a grade of W
September 10	Last day to withdraw from a full semester class with 75% tuition refund
September 17	Last day to withdraw from a full semester class with 50% tuition refund; no refunds after this date
September 20	First fall Mini-Mester midterm grades due by 5 pm
October 14	Fall Break — university closed
October 15	Make-up day for Fall Break — Monday classes meet

October 18-20 (tentative)	Family and Homecoming Weekend
October 18	Midterm grades for full semester courses due by 5 pm
October 19	First fall Mini-Mester ends
October 21	Registration for Spring 2020 begins
October 21	Second fall Mini-Mester begins
October 23	Last day to add second fall Mini-Mester class
October 25	Last day to drop second fall Mini-Mester class with 100% refund of tuition and fees; no refunds after this date
October 25	Last day to drop second fall Mini-Mester class without academic record
October 26	First day to withdraw from second fall Mini-Mester class with a grade of W
November 1	Last day to withdraw from a full semester class with a grade of W
November 1	Last day to withdraw from second fall Mini-Mester class with a grade of W
November 15	Second fall Mini-Mester midterm grades due by 5 pm
November 27-December 1	Thanksgiving holiday — university closed
December 2	Classes resume
December 7	Last day of classes
December 9-14	Final exam period
December 14	Second fall Mini-Mester ends
December 16	Final grades due to the Office of the Registrar at noon

Spring Semester 2020

January 2	Spring 2020 tuition payment due
January 13	Classes begin

January 13	First spring Mini-Mester begins
January 15	Last day to add first spring Mini-Mester course
January 17	Last day to drop first spring Mini-Mester course with 100% refund of tuition and fees; no refunds after this date
January 17	Last day to drop first spring Mini-Mester course without academic record
January 18	First day to withdraw from first spring Mini-Mester class
January 20	Martin Luther King Jr. holiday — university closed
January 21	Last day to late register, add, or drop a full semester class
January 21	Last day to drop a full semester class with 100% refund of tuition and fees
January 22	First day to withdraw from a full semester class with a grade of W
January 24	Last day to withdraw from first spring Mini-Mester class with a grade of W
January 28	Last day to withdraw from a full semester class with 75% tuition refund
February 4	Last day to withdraw from a full semester class with 50% tuition refund; no refunds after this date
February 7	First spring Mini-Mester midterm grades due by 5 pm
February 17	Registration for Summer 2020 begins
March 6	Midterm grades for full semester courses due by 5 pm
March 7	First spring Mini-Mester ends
March 9-15	Spring Break
March 16	Classes resume
March 16	Registration for Fall 2020 begins
March 16	Second spring Mini-Mester begins
March 18	Last day to add second spring Mini-Mester course
March 20	Last day to withdraw from a full semester class with a grade of W
March 20	Last day to drop second Mini-Mester class with 100% refund of tuition and fees; no refunds after this date

March 20	Last day to drop second Mini-Mester class without academic record
March 21	First day to withdraw from second spring Mini-Mester class with a grade of W
March 27	Last day to withdraw from second spring Mini-Mester class with a grade of W
April 9	Second spring Mini-Mester midterm grades due by 5 pm
April 9-13	Easter holiday — no classes, university closed April 10
April 14	Make-up day for Easter holiday — Monday classes meet
April 22	Student Research Conference — no classes
May 2	Last day of classes
May 4-9	Final exam period
May 9	Second spring Mini-Mester ends
May 11	Final grades due to the Office of the Registrar at noon
May 16-17	Commencement Weekend

Summer Semester 2020

Summer Sessions are also referred to as SU.

May 4	Tuition payment due for SU I and SU III
May 18	Summer Sessions I and III begin
May 20	Last day to late register or add SU I class
May 22	Last day to late register or add SU III class
May 22	Last day to drop SU I and SU III class with 100% refund of tuition and fees; no refunds for SU I classes after this date
May 22	Last day to drop SU I and SU III class without academic record
May 23	First day to withdraw from SU I and SU III class with a grade of W
May 25	Memorial Day holiday — university closed
May 28	Last day to withdraw from SU III class with 75% tuition refund
May 29	Make-up day for Memorial Day holiday
May 29	Last day to withdraw from SU I class with a grade of W
June 1	Last day to withdraw from SU III class with 50% tuition refund; no refunds after this date

June 15	Tuition payment due for SU II
June 19	Last day to withdraw from SU III class with a grade of W
June 20	Summer Session I ends
June 29	Summer Session II begins
July 1	Last day to late register or add SU II class
July 3	Independence Day holiday observed — university closed
July 3	Last day to drop SU II class with 100% refund of tuition and fees; no refunds after this date
July 3	Last day to drop SU II class without academic record
July 4	First day to withdraw from SU II class with a grade of W
July 10	Last day to withdraw from SU II class with a grade of W
August 1	Summer Sessions II and III end
August 3	Final grades for all summer sessions due to the Office of the Registrar at noon

NOTE: These calendars are subject to change. The latest academic date and calendar information is available on the [Office of the Registrar's website](#).

Accreditation

The information in this section is published exclusively for accreditation-related purposes. For inquiries regarding the admission or general educational policies and practices of Marymount University, please consult the relevant sections of this catalog.

Marymount University is accredited by the Southern Association of Colleges and Schools Commission on Colleges (SACSCOC) to award doctoral, master's, and bachelor's degrees. Contact SACSCOC at 1866 Southern Lane, Decatur, GA 30033-4097, at www.sacscoc.org, or call (404) 679-4500 for questions about the accreditation of Marymount University.

- The B.B.A., M.B.A., and M.S. in leadership and management programs are accredited by the Accreditation Council for Business Schools and Programs (ACBSP).
- The M.A. in counseling with specializations in clinical mental health counseling, pastoral clinical mental health counseling, and school counseling is accredited by the Council for Accreditation of Counseling and Related Educational Programs (CACREP).
- All initial teacher licensure programs and advanced licensure preparation programs are approved by the Division of Teacher Education and Licensure of the Virginia Department of Education and are accredited by the Council for the Accreditation of Educator Preparation (CAEP) under the National Council for Accreditation of Teacher Education (NCATE) standards.
- The M.S. in health care management program is accredited by the Commission on the Accreditation of Healthcare Management Education (CAHME).
- The B.A. in interior design program and the M.A. first professional graduate program are accredited by the Council for Interior Design Accreditation (CIDA).
- The B.S. in nursing, M.S. in nursing, and D.N.P. programs are accredited by the Commission on Collegiate Nursing Education (CCNE). The B.S.N. program is also approved by the State Board of Nursing of the Commonwealth of Virginia.
- The doctoral program in physical therapy is accredited by the Commission on Accreditation in Physical Therapy Education (CAPTE).

Fields of Study

School of Business and Technology

Undergraduate Degree Programs

Business Administration (B.B.A.)
 Accounting
 Finance
 General Business
 Human Resource Management
 International Business
 Marketing
 Sport Management
 Cybersecurity Accelerated Second Degree (B.S.)
 Economics (B.A.)
 Information Technology (B.S.)
 Applied Cybersecurity
 Applied IT
 Cloud Computing
 Computer Science
 Data Science
 Forensic Computing
 Game Design and Development
 Information Systems
 Interactive Media
 Networking and Cybersecurity

Combined-Degree Programs

Business Administration (B.B.A./M.B.A.)
 Economics (B.A./M.B.A.)
 Information Technology (B.S./M.S.)
 Information Technology and Cybersecurity
 (B.S./M.S.)
 Information Technology (B.S./M.B.A.)

Undergraduate Minors

Applied Statistics
 Business Administration
 Computer Networking and Cybersecurity
 Computer Science
 Data Science
 Economics
 Forensic Computing
 Information Technology
 International Studies
 Law
 Public Health
 Social Entrepreneurship
 Sustainability

Post-Baccalaureate Certificate Program

Data Science (*Not admitting students for the 2019-2020 academic year*)

Graduate Degree Programs

Business Administration (M.B.A.)
 Data Analytics
 Leadership
 Cybersecurity (M.S.)
 Data Science
 Digital Health
 Cybersecurity (D.Sc.)
 Health Care Management (M.S.)
 Human Resource Management (M.A.)
 Analytics
 Coaching
 Organization Development
 Talent Development
 Information Technology (M.S.)
 Cybersecurity
 Data Science
 Digital Transformation
 Health Care Informatics
 Project Management and Technology Leadership
 Software Engineering
 Leadership and Management (M.S.)

Graduate Dual-Degree Programs

Business Administration/Cybersecurity
 (M.B.A./M.S.)
 Business Administration/Human Resource
 Management (M.B.A./M.A.)
 Business Administration/Information Technology
 (M.B.A./M.S.)
 Business Administration/Leadership and
 Management (M.B.A./M.S.)
 Health Care Management/Business Administration
 (M.S./M.B.A.)
 Health Care Management/Information Technology
 (M.S./M.S.)
 Information Technology/Cybersecurity (M.S./M.S.)

Graduate Certificate Programs

Association and Nonprofit Management
 Health Care Informatics
 Health Care Practice Management
 Human Resource Management
 Management Studies
 Organization Development

School of Design, Arts, and Humanities

Undergraduate Degree Programs

Art (B.A.)
 Art with K-12 teaching licensure
 Arts Management
 Pre-Art Therapy
Communication (B.A.)
English (B.A.)
 English with secondary teaching licensure
 Literature
 Media and Performance Studies
 Writing
Fashion Design (B.A.)
Fashion Merchandising (B.A.)
Graphic and Media Design (B.A.)
History (B.A.)
 History with History/Social Science secondary
 teaching licensure
Interior Design (B.A.)
Liberal Studies (B.A.)
Philosophy (B.A.)
Politics (B.A.)
Theology and Religious Studies (B.A.)

Combined-Degree Programs

Art (B.A./M.B.A.)
Communication (B.A./M.B.A.)
English (B.A./M.B.A.)
Fashion Merchandising (B.A./M.B.A.)
Graphic and Media Design (B.A./M.B.A.)
Liberal Studies (B.A./M.B.A.)
Philosophy (B.A./M.B.A.)
Politics (B.A./M.B.A.)
Theology and Religious Studies (B.A./M.B.A.)

Undergraduate Minors

Art History
Ceramics
Communication
English
Fashion Design
Fashion Merchandising
French
Gender and Society
Graphic and Media Design
History
Illustration

International Studies
Media and Performance Studies
Philosophy
Politics
Public Health
Public History
Public Relations
Social Entrepreneurship
Spanish
Studio Art
Sustainability
Theology and Religious Studies
Web Design
Writing

Graduate Degree Programs

English and Humanities (M.A.)
 Literature
 Language and Composition
 Humanities
Interior Design (M.A.)
 Post-Professional
 First Professional

Malek School of Health Professions

Undergraduate Degree Programs

Health Sciences (B.S.)
 Public Health
 Pre-Physical Therapy
 Pre-Professional
Nursing (B.S.N.)
 Four-Year B.S.N.
 Accelerated, Second-Degree B.S.N.

Combined-Degree Program

Health Sciences/Health Education and Promotion
(B.S./M.S.)

Undergraduate Minors

Health Sciences
International Studies
Public Health

Graduate Degree Programs

Health Education and Promotion (M.S.)
Nursing (M.S.N.)
 Family Nurse Practitioner
Nursing (D.N.P.)

Physical Therapy (D.P.T.)

Physical Therapy (transitional D.P.T.) *Effective Spring 2020*

Graduate Certificate Program

Family Nurse Practitioner (post-master's)*

*Denotes gainful employment program (p. 31) (see Graduate Catalog).

School of Sciences, Mathematics, and Education

Undergraduate Degree Programs

Biology (B.A.)

Biology with secondary teaching licensure

Biology (B.S.)

Biology with secondary teaching licensure

Pre-Medicine

Pre-Physical Therapy

Biochemistry (B.S.)

Criminal Justice (B.A.)

Elementary Education (B.A.)

Elementary Education with teaching licensure, grades PK-6

Mathematics (B.S.)

Mathematics with secondary teaching licensure

Psychology (B.A.)

Sociology (B.A.)

Special Education (B.A.)

Special Education with teaching licensure, grades K-12

Combined-Degree Programs

Biology (B.A./M.B.A.)

Psychology (B.A./M.B.A.)

Sociology (B.A./M.B.A.)

Undergraduate Minors

Biology

Chemistry

Criminal Justice

Education

Forensic Computing

Forensic Psychology

Forensics and Criminal Investigations

Gender and Society

International Studies

Mathematics

Physical Science

Pre-Chiropractic

Pre-Dentistry

Pre-Medicine

Pre-Occupational Therapy

Pre-Ophthalmology

Pre-Optometry

Pre-Osteopathic Medicine

Pre-Pharmacy

Pre-Physical Therapy

Pre-Physician Assistant

Pre-Podiatry

Pre-Veterinary Medicine

Psychology

Public Health

Quantitative Science

Social Entrepreneurship

Sociology

Sustainability

Graduate Degree Programs

Counseling (M.A.)

Clinical Mental Health Counseling

Pastoral Clinical Mental Health Counseling

School Counseling

Master of Education (M.Ed.) in Administration and Supervision — grades PK-12

Master of Education (M.Ed.) in Elementary Education — grades PK-6

Master of Education (M.Ed.) in Curriculum and Instruction — non-licensure program

English as a Second Language (ESL)

Science, Technology, Engineering, and Math (STEM)

Special Education

Master of Education (M.Ed.) in Secondary Education — grades 6-12

Biology

Chemistry

Earth Science

English

History/Social Science

Mathematics

Physics

Master of Education (M.Ed.) in Special Education:

General Curriculum — grades K-12

Forensic and Legal Psychology (M.A.)

Intelligence Studies

Graduate Dual-Degree Program

Counseling with a specialization in Clinical Mental
Health/Forensic and Legal Psychology
(M.A./M.A.)

Graduate Certificate Programs

English as a Second Language (ESL)
Science, Technology, Engineering, and Math
(STEM)
Special Education

Undergraduate Minors

Applied Statistics
Art History
Biology
Business Administration
Ceramics
Chemistry
Communication
Computer Networking and Cybersecurity
Computer Science
Criminal Justice
Data Science
Economics
Education
English
Fashion Design
Fashion Merchandising
Forensic Computing
Forensic Psychology
Forensics and Criminal Investigations
French
Gender and Society
Graphic and Media Design
Health Sciences
History
Illustration
Information Technology
International Studies
Law
Mathematics
Media and Performance Studies
Philosophy
Physical Science
Politics

Pre-Chiropractic
Pre-Dentistry
Pre-Medicine
Pre-Occupational Therapy
Pre-Ophthalmology
Pre-Optometry
Pre-Osteopathic Medicine
Pre-Pharmacy
Pre-Physical Therapy
Pre-Physician Assistant
Pre-Podiatry
Pre-Veterinary Medicine
Psychology
Public Health
Public History
Public Relations
Quantitative Science
Social Entrepreneurship
Sociology
Spanish
Studio Art
Sustainability
Theology and Religious Studies
Web Design
Writing

Education Licensure Programs

Undergraduate Programs

Art Education — grades K-12 (B.A. in art)
Elementary Education — grades PK-6 (B.A. in
elementary education)
Secondary Education — grades 6-12
Biology (B.A. or B.S. in biology)
English (B.A. in English)
History/Social Science (B.A. in history)
Mathematics (B.S. in mathematics)
Special Education: General Curriculum — grades K-
12 (B.A. in special education)

Graduate Programs

Education (M.Ed.)
Administration and Supervision (M.Ed.) — grades
PK-12
Elementary Education (M.Ed.) — grades PK-6
Secondary Education (M.Ed.) — grades 6-12
Biology

Chemistry
 Earth Science
 English
 History/Social Science
 Mathematics
 Physics

Special Education: General Curriculum (M.Ed.) —
 grades K-12

Counseling (M.A.)
 School Counseling

About Marymount University

Marymount University was founded in 1950 by the Religious of the Sacred Heart of Mary. Today, Marymount is an independent, comprehensive Catholic university serving approximately 3,400 undergraduate and graduate students. The university has four schools: Business and Technology; Design, Arts, and Humanities; the Malek School of Health Professions; and Sciences, Mathematics, and Education. Programs are offered at Marymount's Main Campus, Ballston Center, and 4040 Center, as well as various corporate and government sites. The university's location in Arlington, Virginia — just minutes from Washington, DC — offers students unparalleled opportunities for academic and personal enrichment.

University Mission

Marymount University is a comprehensive Catholic university, guided by the traditions of the Religious of the Sacred Heart of Mary, that emphasizes intellectual curiosity, service to others, and a global perspective. A Marymount education is grounded in the liberal arts, promotes career preparation, and provides opportunities for personal and professional growth. A student-centered learning community that values diversity and focuses on the education of the whole person, Marymount guides the intellectual, ethical, and spiritual development of each individual.

A Marymount Education

Marymount University prepares students to be thoughtful and effective persons within family, community, and society; enables students to develop the competencies necessary for entry, growth, and success in their chosen careers; builds within its students a shared sense of community among individuals drawn from diverse national, cultural, and social backgrounds; fosters in its students a spirit of service to others, a concern for social justice, and a commitment to living in

an ethically responsible way; and develops in students both the ability and the motivation to be lifelong learners.

As an educational community, Marymount is formed by the heritage and traditions of liberal arts education, the American higher education community, the Catholic Church, and the Religious of the Sacred Heart of Mary.

- As a university in the liberal arts tradition, Marymount fosters the development of intellectual curiosity; an unbiased pursuit of truth; an understanding of the varying modes of inquiry utilized across the disciplines; and the development of the skills, competencies, and motivation necessary for intellectual inquiry and lifelong learning. Marymount fosters the pursuit of excellence in teaching, learning, and scholarship and forms a community marked by intellectual freedom, civility, and diverse interpretations of the human experience.
- As a comprehensive university in the American higher education tradition, Marymount is a learning-teaching community that emphasizes excellence in teaching and places primary focus on the learning-teaching process; strives to contribute to the development of knowledge through the scholarship of its members; and contributes to the development of its community through service outreach programs. The university recognizes the value and importance of career preparation as a fundamental purpose of a university education. The university provides both undergraduate and graduate education, serving a variety of student audiences, in response to the needs and interests of its community and region.
- As a Catholic university, Marymount affirms that the exploration of humanity's relationship to the Divine is an integral part of the academic work of the university; challenges all members of the university community to live ethically responsible lives; fosters a community of faith exploration open to individuals of diverse religious backgrounds and beliefs; and strives to exemplify its Catholic tradition within the university and in the way in which all members of the university community interact with one another and with the larger community outside the university.
- In the spirit of the university's founders, the Religious of the Sacred Heart of Mary, Marymount inspires a shared sense of community among individuals drawn from diverse national, cultural, and social backgrounds and emphasizes a spirit of service to others and responsiveness to the needs of persons and groups who do not fully share in the bounty of the larger community.

The university also is shaped by the unique resources available through its location in the nation's capital area and by a creative, future-oriented perspective on education.

- The Marymount experience is enriched by the cultural, governmental, business, and professional resources of Washington, DC, a city with an international character and global perspective. The university's location offers extraordinary professional and scholarly opportunities for faculty; the opportunity to bring leaders from government, commerce, and professions to campus; specialized resources for instruction and research; unique internship placements for students; and outstanding employment opportunities for graduates.
- Marymount has grown and changed extensively since its founding in 1950, reflecting a dynamic period of change in American higher education and reflecting the openness, creativity, and enterprising spirit of the men and women who comprise the Marymount community. Marymount has been willing to look creatively at the educational needs of the region it serves, to respond quickly, and to try new approaches. The university strives to sustain a future-oriented perspective and to serve as a leader in responding to the educational needs of its region and in utilizing innovative instructional technologies and practices.

History

The name "Marymount" has long been associated with excellence in education. The Religious of the Sacred Heart of Mary (RSHM), founders of Marymount University, have a long history of providing thoughtful responses to societal needs. Today, elementary, secondary, and collegiate institutions bearing the name "Marymount" are located in California, New York, Virginia, England, France, Italy, Mexico, and Colombia.

Marymount University in Arlington was founded as a women's college in 1950 by Mother Gerard Phelan, General Superior of the Religious of the Sacred Heart of Mary, with the blessing and support of Peter J. Ireton, then Bishop of Richmond. Thirteen freshmen entered the first year, and nine of them comprised the first graduating class in 1952. In 1960 the institution was incorporated as Marymount College of Virginia, an independent college governed by an autonomous board of directors.

Enrollments steadily increased, and the physical plant and facilities were expanded to serve a growing student

population. From the original property, which included a mansion, stone guest house, and two cottages — all comprising the residence of Rear Admiral Presley M. Rixey, White House physician to Presidents William McKinley and Theodore Roosevelt — the institution has grown to be a modern residential campus.

From 1950 to 1972, as a junior college, Marymount offered only the associate degree. In 1973, it became a senior college offering the bachelor's degree in more than 20 fields. In 1979, graduate programs leading to the master's degree were added. Marymount's first male students were admitted in 1972 in the nursing program. In 1979, coeducational graduate programs in a number of fields were added. In 1986, the institution responded to its changing student profile by becoming coeducational at all levels and changing its name to Marymount University. In 2005, Marymount was approved by the Southern Association of Colleges and Schools Commission on Colleges to offer its first doctoral degree, the clinical Doctor of Physical Therapy.

The university responded to its dramatic enrollment growth by acquiring new buildings near the Main Campus and increasing accessibility through a shuttle service. Ballston Center, established in 2017, houses classrooms, offices, computer labs, support services, an auditorium, an art gallery, and the Ballston Coakley Library Extension. The 4040 Center houses the physical therapy program.

Marymount University also reaches out to the metropolitan Washington area through off-campus offerings at corporate and government sites, medical centers, and public schools.

An independent institution related to the Roman Catholic Church, Marymount University is governed by a board of trustees that includes corporate and professional executives, members of the Religious of the Sacred Heart of Mary, and Marymount University alumni.

Academic and Student Services

Marymount University is committed to meeting the needs of all students by providing support services through various offices, including Campus Ministry, Student Engagement and Leadership Development, Campus and Residential Services, the Center for Career Services, the Center for Teaching and Learning, Student Access Services, the Academic Advising Center, the Counseling Center, International Student Services, Library and Learning Services, Military and Veteran Services, Student Health Services, and Student Affairs.

Admission

Undergraduate students are admitted to Marymount University as first-year, transfer, certificate-seeking, and nondegree or visiting students. Qualified first-year and transfer students also may apply to the Honors Program. Through Marymount's Educational Partnerships program, individuals may be enrolled off-site as degree or certificate-seeking students. The university offers post-baccalaureate certificate programs for those who already hold a bachelor's degree, and such students are also considered undergraduates. Application procedures for students in each category follow.

Undergraduate Student Admission

Marymount wishes to attract students whose educational interests and intellectual abilities are consistent with the goals and character of the university. The university's undergraduate curriculum provides a balance between liberal arts education and career preparation. The curriculum also prepares students to become educated citizens in a complex society and equips them with the skills and knowledge necessary for entry or advancement in their chosen career fields.

In reviewing applications for admission, Marymount University places primary emphasis on the strength of an applicant's academic record — the high school record for an entering first-year student or the prior college studies for a transfer student. The university also takes into consideration national test scores, breadth of academic preparation, positive recommendations, and personal character in making its decisions. All submitted documents become university property and cannot be returned.

First-Year Applicants

At Marymount, a first-year student is defined as a first-time college student. Most first-year students enroll at the university directly out of high school.

General Admission Requirements

Applicants to the first-year class may be considered for admission if their high school grade point average is 2.6 or better on a 4.0 scale.

The following minimum high school courses are recommended:

English	4 units
Foreign Language	3 units
Mathematics	3 units
Science	2 units*
Social Sciences	3 units

* It is strongly recommended that applicants to the Malek School of Health Professions programs have completed high school biology and chemistry.

Applicants who do not meet these regular admission standards are referred to a committee that evaluates each student's academic potential to admit those who have the best prospect for success.

All applicants must submit the following items to be considered for admission:

- a completed application form with the nonrefundable application fee of \$40
- the recommendation form completed by a high school counselor or other appropriate school official
- evidence of graduation or expected graduation from an accredited high school (Marymount will also consider on a case-by-case basis students who have participated in an approved home-school program.)
- a high school transcript showing academic performance and a minimum of 15 high school credits in preparatory courses

An essay or untimed writing sample of at least 250 but no more than 500 words is required for applicants to Marymount scholarly programs. An essay may also be required by the Admissions Committee on a case-by-case basis.

In reviewing an applicant's high school record, the Admissions Committee is more concerned with the quality of preparation than with the numerical distribution of courses. The Admissions Committee also takes into consideration the educational objectives and specific needs of the particular applicant.

Students entering Marymount with college-level coursework or work experience may be eligible for credit. See Other Credit-Acquisition Opportunities (p. 43) for further information.

Test Optional Consideration

First-year students with a high school grade point average above 3.0 on a scale of 4.0 will not be required to submit SAT or ACT test scores for admission consideration. Test optional consideration is an alternative for students who believe that their test scores do not adequately reflect their level of academic achievement or predict their potential. Qualifying for test optional review does not guarantee admission to Marymount.

Test optional candidates will submit academic credentials that exhibit the following:

- a minimum cumulative high school grade point average of 3.0 on a 4.0 scale
- evidence of strong performance in a challenging high school curriculum as demonstrated by having taken a robust college preparatory selection of courses
- strong leadership and motivation, as demonstrated by extracurricular, work, or service experiences

Applicants described below must submit standardized test scores:

- applicants who are applying for Marymount scholarly programs (Honors, PT Scholars, Clare Boothe Luce, Counseling Scholars, and Forensic and Legal Psychology Scholars)
- applicants who are home-schooled
- applicants with a high school grade point average below a 3.0 on a 4.0 scale

Applicants who believe their SAT scores represent a strong, positive component of their academic portfolio may still submit them as a core element of their application package. Applicants that meet the test optional criteria do not need to provide SAT or ACT scores to compete for academic merit-based scholarships.

First-Year Student Application Deadlines

First-year admission decisions are made on a rolling basis. For priority consideration, admission applications and all supporting documents must be received no later than the date indicated:

Early Action: November 15

Regular Decision: March 1

Transfer Applicants

A transfer student is a student who has completed coursework at another college or university, as well as any student who holds an associate or bachelor's degree.

Transfer Student Admission Requirements

To be considered for admission, transfer applicants with 30 or more college credits must present a cumulative grade point average of at least 2.0 on a 4.0 scale from all previous postsecondary institutions. Transfer applicants with fewer than 30 credits must present a cumulative grade point average of at least 2.0 on a 4.0 scale from all previous postsecondary institutions and a high school cumulative grade point average of at least 2.6 on a 4.0 scale. Meeting the minimum GPA requirement does not guarantee admission, as the admissions committee also pays close attention to a student's academic trend. Please refer to individual school sections for additional requirements for specific programs. All applicants to the traditional B.S.N. program should note additional requirements; applicants to the accelerated second-degree nursing program should review additional requirements.

Applicants who have been enrolled in a college or university prior to applying to Marymount must submit the following:

- a completed application form with the nonrefundable application fee of \$40
- a completed school official form from the last college attended or a recommendation from the dean of students at the last college attended indicating enrollment status and academic standing at institution
- official transcripts from all postsecondary institutions (delivered in a sealed envelope that bears the registrar's signature and/or seal or via an authorized online delivery system)
- high school transcript (for students who earned less than 30 college credits)
- a letter of recommendation from a current or former college instructor if requested

Students who have been admitted for transfer to Marymount University will receive a formal transfer credit evaluation from the university registrar. It is the responsibility of the student applicant to provide the transcripts necessary for this evaluation. Marymount only accepts coursework for transfer credit from an institution accredited as degree-granting by a regional accrediting body for higher education at the time the

coursework was completed. See Transfer Policies (p. 41) for more information. Transfer students (p. 18) may also receive credit for Advanced Placement coursework or similar programs, as well as for work experience. See Other Credit-Acquisition Opportunities (p. 43) for further information.

Transfer Student Application Deadlines

Admission decisions are made on a rolling basis. For priority consideration, admission applications and all supporting documents must be received no later than the date indicated for the corresponding semester:

For fall semester (August to mid-December): July 1

For spring semester (January to early May):
December 1

For summer semester (late May to early August — only transfer students may begin in the summer session): March 15

Articulation Agreements

To facilitate the entrance of transfer students from Northern Virginia Community College and Montgomery College into baccalaureate programs, the university has an enrollment agreement with each institution. The agreement informs students of guaranteed admission requirements and benefits, and for Northern Virginia Community College course equivalencies between the institutions. Information about the agreements is available from counselors at Northern Virginia Community College and Montgomery College as well as from Marymount University's Office of Admissions, Marymount's Office of the Registrar, and Marymount's Academic Advising Center. To find details online, visit www.marymount.edu/Admissions, choose "transfer," and then select "transferring credits."

International Student Applicants

An international student is defined as an individual wishing to enroll who is neither a U.S. citizen nor a permanent U.S. resident.

Visitors with B-1/B-2 visa status are not eligible to register. These individuals must change their status to an F-1 student visa in order to study at Marymount University. Contact the Undergraduate Admissions Office or International Student Services Office for more information regarding this immigration regulation and other immigration-related questions.

International Student Admission Requirements

All applicants must submit the following to be considered:

- a completed application form with the nonrefundable \$40 application fee
- a letter of recommendation from the applicant's school principal, teacher, or academic advisor, which must be written in, or translated into, English if requested
- official academic records translated into English that show at least three years of academic performance

There are additional items based on the applicant's status as a first-year or transfer student, as follows:

International First-Year Applicants

An international first-year applicant is defined as a first-time university student with fewer than 12 completed university credit hours. The following must be submitted in addition to the aforementioned items:

- one official transcript, sent directly from the high school attended or authenticated by the Ministry of Education, and, if applicable, include official exam results and evidence of high school graduation
- official standardized exam score report

For the exam score report, students for whom English is their first language and have a GPA below a 3.0 on a 4.0 scale must submit either an SAT or ACT score report. Students for whom English is a second language (regardless of citizenship) must submit official results from the Test of English as a Foreign Language (TOEFL), International English Language Testing System (IELTS), Pearson Test of English (PTE), SAT, or ACT, meeting minimum scores. Students for whom English is their second language and who cannot submit the appropriate test scores demonstrating English language proficiency may apply for conditional admission under the requirements described on the next page under "Conditional Admission."

Students who graduated from a high school where the main language of instruction was English should contact the Undergraduate Admissions Office to verify whether the language proficiency requirements can be waived.

International Transfer Applicants

An international transfer applicant is defined as a student with 12 or more completed university credit hours. The following must be submitted in addition to the aforementioned items:

- official transcripts, sent directly to Marymount from the college or university attended
- completed school official form from the last college attended or a recommendation from the dean of students at the last college attended (if attended in the United States)
- for applicants with fewer than 30 completed college or university credits, complete, official high school transcripts and official standardized exam score reports, as listed under First-Year Applicants requirements
- official course-by-course evaluation for university work completed outside the U.S., from one of Marymount's approved evaluation agencies — World Education Services or the World Educational Credentials Evaluators
- evidence of language proficiency

For the language proficiency requirement, students for whom English is a second language must submit a satisfactory score on the Test of English as a Foreign Language (TOEFL), International English Language Testing System (IELTS), or Pearson Test of English (PTE). Students for whom English is their second language and who cannot submit the appropriate test scores demonstrating English language proficiency may apply for conditional admission under the requirements described below under "Conditional Admission."

Applicants who have completed 30 credit hours or more at a regionally accredited U.S. college or university and who can provide evidence of completion of English composition with a minimum grade of C at the same institution are exempt from this test score requirement.

Minimum Score Requirements for Non-Native Speakers of English

SAT	450 Evidence-based Reading and Writing 950 Evidence-based Reading and Writing/Math
ACT	18 English section
TOEFL	550 paper-based, 79 Internet-based
IELTS	6.0 overall
PTE	54 overall

Conditional Admission

Conditional admission is an option for international graduate applicants who meet all admission requirements except demonstrated English proficiency. (Transfer nursing applicants and accelerated second-

degree B.S.N. applicants are not eligible for conditional admission.)

Students seeking conditional admission must enroll in one of Marymount University's Partner Language Institutes and satisfactorily complete the stipulated level or levels, as described below. These programs help students develop their reading, writing, listening, and speaking skills to a level appropriate for university study. Completion of an intensive English program other than the programs listed does not meet the conditional admission requirement. If students satisfactorily complete the required level or levels at a Partner Language Institute and are admitted to the university, they must earn a grade of C- or better in EN 101 at Marymount University within one academic year (two full, non-summer semesters) after entry. If students fail to meet this requirement, they will be withdrawn from the university. Under conditional admission, EN 101 cannot be fulfilled with either transfer or consortium credit.

ELS Educational Service's English for Academic

Purposes Program: Students who successfully complete ELS Level 112 will be fully admitted and may enroll in a degree program without presenting a TOEFL, IELTS, or PTE score. More information is at www.els.edu.

Georgetown University English Language Center:

Students who successfully complete either the Advanced or Academic Bridge levels will be fully admitted and may enroll in a degree program without presenting a TOEFL, IELTS, or PTE score. More information is at <https://scs.georgetown.edu/departments/52/english-language-center/>.

Inlingua: Students who earn a Certificate of

Completion of Level 8 intensive program and present an official transcript from Inlingua will be fully admitted and may enroll in a degree program without presenting a TOEFL, IELTS, or PTE score. More information is at www.idc.edu.

Virginia Tech University Language and Culture

Institute: Students who successfully complete level 550 will be fully admitted and may enroll in a degree program without presenting a TOEFL, IELTS, or PTE score. More information is at <https://lci.vt.edu/>.

International Language Academy: Students who successfully complete level 12 will be fully admitted and may enroll in a degree program without presenting a TOEFL, IELTS, or PTE score. More information is at www.ila.edu.

International Student Application Deadlines

Admission applications and all supporting documents must be received no later than the date indicated for the corresponding semester:

For fall semester (late August to mid-December):
July 1

For spring semester (mid-January to early May):
December 1

For summer semester (late May to early August — first-year students may not begin in the summer semester): March 15

Obtaining an I-20

An I-20 is a certificate of eligibility for F-1 visa status. Marymount University issues the I-20 for admitted students who submit the following items:

- a completed International Student Supplemental Information (ISSI) form upon admission (Click here to download the form.)
- Declaration of Finances form (the third page of the ISSI form)
- an enrollment deposit to reserve a space at Marymount (This deposit is credited to the student's account. The deposit must be in the form of a check drawn on U.S.-based branches of U.S. banks in U.S. dollars, or with a valid credit card. A nonrefundable deposit of \$300 is required for both commuter and residential students.)
- a legible photocopy of passport ID pages
- a valid international address
- an official original bank statement showing sufficient funding in U.S. dollars for one year of study, as outlined on the current International Student Supplemental Information (ISSI) form (This statement must be signed and stamped by a bank official and dated no earlier than six months prior to the issuing of the I-20.)

Students currently enrolled in a U.S. high school or university must submit the following additional items:

- a completed Transfer Clearance Form, available here
- photocopies of all previous I-20s
- photocopies of all previous U.S. visas
- copy of the I-94 record (Applicants can also download their I-94 record on the Department of Homeland Security website at <https://i94.cbp.dhs.gov/i94/#/home>.)

Marymount University will cover the cost of shipping the initial I-20. International students are responsible for all subsequent I-20 shipping fees unless an error was made by the university. If a student requires an updated I-20 due to deferral, errors in documentation submitted, or electronically approving an I-20 with errors, the student will be required to cover the cost of shipping an updated I-20 through <https://study.eshipglobal.com/default.asp>. Shipping costs for updated I-20s due to a visa denial will be considered on a case-by-case basis.

For the most current and accurate information about immigration and visa requirements, please visit www.travel.state.gov/content/visas/en.html.

Honors Program Applicants

The Honors Program is the most prestigious opportunity for academically gifted students at Marymount University. Established in 2003, Marymount's Honors Program reflects the principles of the original liberal arts (artes liberales) developed at the Universities of Paris, Oxford, and Cambridge in the Middle Ages. All academic schools are represented within the program, and students from all majors are encouraged to apply. The Honors Program offers rigorous courses in a wide range of disciplines. The program is aimed at helping students cultivate their research and intellectual skills, including the ability to think critically and independently and to reason, write, and communicate their ideas clearly. The program creates a supportive intellectual community centered on its distinctive curriculum; trips to museums and historically significant locations in the Washington, DC, area; guest lecturers on campus; and a summer study abroad program at the University of Oxford. See the Honors Program curriculum (p. 69).

Honors students at Marymount receive scholarship support, one-on-one faculty instruction and mentorship, priority registration, formal recognition during graduation ceremonies, exclusive lounge facilities, and travel funds for academic conferences. Honors students choose officers to represent them in the Honors Program Organization and nominate faculty for the annual Honors Fellow.

Incoming first-year and sophomore students, as well as first-year and sophomore students transferring from other honors programs, may apply. Admission is competitive and limited to 20 new students each year. The following criteria are recommended for students who wish to apply to the program:

- minimum unweighted high school or college GPA of 3.5 on a 4.0 scale
- preferred composite (Math and Evidence-Based Reading and Writing) SAT score of 1200 on the old SAT (prior to 2016) or 1270 on the new SAT (post 2016) and/or composite (English, Reading, Math, and Science) ACT score of 26

Those seeking admission to the program must submit an Honors Program application, including an Honors essay and two faculty recommendations, one of which must directly speak to the student's ability to succeed in the Honors Program, in addition to the general university admission application. Applicants must also participate in an interview with the Honors Program director or an Honors Committee member.

Honors applicants entering Marymount with college-level coursework may be eligible for credit. See Other Credit-Acquisition Opportunities (p. 43) for further information.

Additional criteria and application requirements can be found on the [Honors Program's website](#).

Nondegree Applicants

A nondegree undergraduate applicant is an individual who intends to enroll in a limited number of courses to increase vocational fitness, learn about recent developments in a field of interest, or transfer credits to a home institution. Nondegree applicants must submit the following items:

- a completed application form with the nonrefundable application fee of \$40
- a final high school and/or postsecondary transcript indicating a minimum GPA of 2.0

For nondegree undergraduate applicants to summer programs and courses, students may choose to self-report their grade point average from their home institution. An official transcript must be submitted before credit will be awarded. If the self-reported grade point average is false and the student is not qualified for acceptance, the student will forfeit the deposit and will be withdrawn from the university. If the discrepancy is not identified until after the coursework is completed, college credit will not be awarded and no refund will be given.

An F-1 visa student who is not concurrently enrolled at another U.S. college or university is not eligible to apply as a nondegree student.

Nondegree Enrollment

An undergraduate nondegree student can apply no more than 15 credit hours earned under nondegree status to a degree. Nondegree students are not eligible for financial aid, may not live on campus, and may be unable to enroll in courses in some highly selective undergraduate programs.

During the academic semester, all nondegree students, including visiting nondegree students from institutions outside the Consortium of Universities of the Washington Metropolitan Area, receive academic advising from the Academic Advising Center.

Off-Site Special Program Applicants

Students enrolled in off-site programs through Marymount's Educational Partnerships program are required to submit official transcripts and, depending upon their academic objective, follow admission requirements consistent with degree- or certificate-seeking students.

Students who complete certificate programs and wish to be admitted as degree-seeking students must apply for admission to the degree program. Completion of a certificate offering does not guarantee admission to a degree program.

Medical Requirements

A medical form is required for all undergraduate students. This record must be completed before the student may register for classes. The form is available from Student Health Services. All full-time undergraduate students are required to have health insurance. For more details, please contact [Student Health Services](#).

Notification

Marymount University has a rolling admissions policy, unless otherwise noted in this catalog or on the Admissions website at www.marymount.edu/Admissions. The university notifies applicants if they have met the criteria for admission after the application process is completed and the Admissions Committee has acted on the application.

All acceptances to Marymount University are tentative until the applicant's final high school or college grades are received and conditions of the acceptance, if any, are met.

If provisional admission is offered, the student must meet the provisions outlined in the official admission letter in order to continue in the program.

Deferral of Enrollment

For certain programs, offers of admission may be deferred up to two times, not to exceed one year. A request for a deferral of enrollment must be in writing and must be received on or prior to the add/drop deadline for the semester to which the student initially applied. Updated transcripts must be provided prior to enrollment.

Financial Information

The following financial information applies to the 2019-20 academic year.

Tuition

Undergraduate Student Rate

Full-time (12-18 credit hours, August-May)	\$16,050 per semester
	\$32,100 per academic year
Part-time (1-11 credit hours)	\$1,050 per credit hour
19 or more credit hours	\$1,050 per credit hour
Those enrolled in combined bachelor's/master's programs	\$1,050 per credit hour for the fifth and subsequent years of graduate study
Summer Session 2020 classes	\$1,050 per credit hour

Consortium Tuition

Payment for consortium credits is due at the time of registration. Marymount consortium students pay the Marymount tuition rate to the Marymount Student Accounts Office. Credits taken through the consortium are counted toward full-time/part-time status at Marymount for the purposes of financial aid. Students must pay all applicable fees to the visited institution.

Refunds and credits to accounts for consortium courses follow the Marymount refund schedule.

Tuition Payment

Due Dates

Fall Semester	August 5, 2019
Spring Semester	January 2, 2020
Summer Sessions I and III	May 4, 2020
Summer Session II	June 15, 2020

Monthly late payment fees of \$75 will be assessed to all delinquent accounts. All payments must be made in U.S. currency and drawn on U.S. banks. Marymount University accepts cash, checks, money orders, credit cards (American Express, MasterCard, or Visa only;

credit card payments can be made online through Marynet), and ACH (Automated Clearing House) electronic transfers. Do not mail cash. Checks and money orders must be made payable to Marymount University. All checks and money orders must include the student's ID number, address, and phone number on the face of the check. All returned checks are subject to a \$55 service fee.

If, for any reason, a parent, a guardian, an employer, or an embassy does not honor their financial obligation to the university on behalf of a student, the student will be held responsible for those financial obligations.

A student's pending class registration is subject to cancellation if there is a prior-term unpaid balance on the student's account.

In the event that students have questions about charges on their accounts, they should bring the amount in question to the attention of the Student Accounts Office. Students do not have to pay that amount while it is being reviewed. However, they are obligated to pay all parts of the bill that are not in question no later than the due date.

Address Changes

It is the responsibility of students to keep the Office of the Registrar informed of any changes in their home, local residence, and/or billing address; phone number; and/or email address. Students may submit a change in one of these ways:

- through Marynet by clicking on "Address/Phone/Email update" under the student's academic profile
- through the form available on the [Office of the Registrar](#) website
- by email to registrar@marymount.edu from their Marymount email account
- by mail to Marymount University, Office of the Registrar, 2807 N. Glebe Road, Arlington, VA 22207
- by fax to (703) 516-4505

When submitting the change by email, mail, or fax, students should include their full name; student ID number; the former address; the new address for home, local residence, and billing purposes; a current email address; and their signature.

Waivers

Catholic School Employees

Employees of Catholic schools specified by the university are eligible for a 50% tuition waiver on the regular rate for undergraduate education programs under the following conditions (waiver does not apply to reduced-tuition programs):

- The individual must have a full-time position in teaching, senior administration, and/or school counseling.
- The individual must be employed by a diocesan school in the Diocese of Arlington, Virginia, or Archdiocese of Washington, DC. To learn about other Catholic schools that are eligible under this program, contact the School of Sciences, Mathematics, and Education.
- After the first degree is obtained, requests for additional courses and/or programs covered under this waiver will be considered on an individual basis.
- Verification from the employee's school, written by the principal on school letterhead, attesting to the individual's eligibility for a waiver must be provided at the beginning of the program and each year thereafter at the beginning of the fall semester. This verification must be sent to Marymount's Student Accounts Office.

Family

When the first member of a family pays full-time undergraduate tuition, any additional immediate family members concurrently enrolled in a full-time undergraduate program may receive a 25% tuition waiver. Immediate family is defined as siblings, parents, dependent children, or a spouse. The full-time enrollment of concurrent family members is required for the entire semester.

Senior Citizens

As a service to senior citizens, the university offers people 65 years or older a 50% tuition waiver for undergraduate and graduate courses. Applicants must first meet all regular admission criteria for either degree candidacy or nondegree status.

See the *Graduate Catalog* for details about this policy regarding the university's graduate programs.

Fees

Room and Board

- Housing options, information, and rates are available through the Office of Campus and Residential Services.
- University housing is not available without a resident board plan; meal plan options are available.

Commuter Meal Plans

For information about commuter meal plans, visit the [Dining Services](#) page.

New Student Fee

A one-time new student fee is assessed for all degree- and certificate-seeking students in their first semester. This fee covers such items as student ID cards, orientation, new student programs, regular transcript requests, and graduation fees (except late application fees). Students entering in the fall, spring, or summer will be assessed this fee as follows:

- First-college, first-year students: \$480
- Transfer students: \$300

A degree-seeking student who previously attended Marymount will be charged the transfer student fee upon reenrollment.

Student Government Activity Fee

All full-time undergraduate students pay a student government activity fee of \$100 per semester (\$200 per academic year).

Technology Fee

Students will be assessed a technology fee each fall, spring, and summer semester of \$22 per credit, up to a maximum of \$275 per semester. This fee supports technologies that enrich the learning environment. The following are some examples of services and initiatives funded by this fee: computer labs, updates to the course management system, expanded on-campus wireless access, and help desk services. In addition, some courses require students to purchase stand-alone computer software and/or textbook software packages.

Course/Program Fees

Some programs require additional fees for specified coursework or activities. Visit www.marymount.edu/tuition for a current list of such fees.

Alumni Course Audit Fee

For a fee of \$320 per course, Marymount alumni may audit up to two courses per semester, if the enrollment limit has not been reached during registration and approval has been granted by the associate dean. No credit or grade will be awarded for the course. Interested alumni should contact the Office of Alumni Relations at (703) 284-1541 or visit the [Alumni Course Audit Program](#) page on the Marymount website.

Deposits

New Resident Students

For new undergraduate students who are 23 years of age or younger and entering in the fall semester with fewer than 60 transferable credits, a nonrefundable \$300 enrollment fee is required by May 1 to reserve a place in a residence hall and to confirm an intention to enroll. For students entering residence halls in the spring semester, a nonrefundable \$300 enrollment fee is required by November 1.

Transfer students who are 23 years of age or younger entering with 60 or more transferable credits will be accommodated in student housing on a space-available basis. If space is available, a nonrefundable \$300 enrollment fee is required by June 15 to reserve a place for the fall semester and by December 1 for the spring semester.

If housing is available after the deposit deadlines, applicants must pay the deposit within 15 days of acceptance.

New Commuter Students

A nonrefundable \$300 enrollment fee is required from first-year and transfer commuter students to confirm an intention to enroll.

Insurance

All full-time Marymount students are required to have health insurance. The university offers a comprehensive health insurance plan in accordance with the Affordable Care Act. Students can enroll by submitting an enrollment form found at www.gallagherstudent.com/marymount. Students who have enrolled into the plan previously must re-enroll by submitting an enrollment form at the start of each academic year.

Students may waive the university comprehensive health insurance plan if they have adequate coverage that will allow them to see a health care provider in

Maryland, the District of Columbia, or the Commonwealth of Virginia. If a waiver is not submitted online by the specified deadline, the student will automatically be enrolled in the coverage and charged a fee for the premium. Waivers will not be accepted after the deadline.

Part-time students who need health insurance may wish to research various health insurance options at www.healthinsurance.org/Virginia.

For further information, visit the Student Health Services (SHS) website at www.marymount.edu/Student-Life/Health-Wellness/Student-Health-Center or call (703) 284-1610. Students who have missed the enrollment deadlines may contact SHS directly to be enrolled.

Collection Policy

Students who fail to pay in full as scheduled will have their transcripts, registration, degree/enrollment verifications, and diploma withheld until the outstanding balance is paid in full. Spring and summer outstanding balances must be paid in full on or before August 15. Any student with a past-due balance from spring and/or summer may have their fall classes dropped on August 16. The university will make every effort to contact the student and collect the outstanding balance. However, if the university's attempts are unsuccessful, the account may be turned over to a collection agency and also may be reported to the credit bureau. The student will be responsible for all costs, including collection agency fees up to 33¹/₃% on the assigned balance. The account could also be subject to possible attorney fees and variable court costs.

Refunds and Credits to Student Accounts

Credit Balance Refunds

Credit balance refunds will be processed generally within 14 days. The university does not issue refunds in cash; only check and credit card refunds are issued.

Per federal regulations, Marymount University will be updating its course attendance confirmation policy and procedures beginning Spring 2019. This newly implemented regulation will impact when federal aid is disbursed and refunded to students.

For more details, please visit the [Early Refund Period](#) page.

Credit for Tuition and Fee Charges

To be eligible to receive a credit for tuition and fee charges, a student must officially withdraw from a class or separate from the university. Credit for tuition and fee charges will be calculated based on the actual withdrawal or separation date as follows:

Semester Courses

Timeline	Fall/Spring	Type of Credit
By end of week 1	100%	Tuition and fees
By end of week 2	75%	Tuition only
By end of week 3	50%	Tuition only
After week 3	0%	

Summer Courses

Timeline	Credit	Type of Credit
SU I: From the 1st day of class through the 5th day after class begins	100%	Tuition and fees
SU II: From the 1st day of class through the 5th day after class begins	100%	Tuition and fees
SU III: From the 1st day of class through the 5th day after class begins	100%	Tuition and fees
SU III: From the 6th day of class through the 11th day after class begins	75%	Tuition only
SU III: From the 12th day of class through the 15th day after class begins	50%	Tuition only
SU III: After the 15th day of class	0%	

Weekend and Concentrated Courses

Timeline	Credit	Type of Credit
Within 31 days before class begins	100%	Tuition and fees
30 days before class begins through first day of class	75%	Tuition and fees
First day of class and thereafter	0%	

Class/University Withdrawal Policy

In order to receive a credit for tuition and fee charges in accordance with the advertised refund/withdrawal period, students must officially withdraw from a class, even if someone else registered them for the class. Failure to do so will constitute a financial obligation to the university because classroom seats reserved during registration continue to be held for students until they officially withdraw from the class. Stopping payment on a tuition check or credit card authorization or not attending a class does not constitute an official withdrawal from class.

A student who received financial aid should check with the Office of Financial Aid before withdrawing from any classes. Federal financial aid recipient refunds will be determined based on the federal pro-rata refund regulations. Information and examples of federal pro-rata refunds are available in the Office of Financial Aid.

See Adding, Dropping, or Withdrawing from Courses/Separating from the University (p. 39) for procedural information about withdrawing from a class or separating from the university.

Withdrawal After Expiration of Tuition- and Fee-Credit Period

A student who withdraws from one or all classes after the tuition-and-fee credit period does not qualify for a refund. An exception to this policy may be made in extraordinary circumstances such as an illness or medical emergency that qualifies the student for a medical leave.

See Leave of Absence (p. 53) and Requests for Exceptions to Academic Policies (p. 58) for further information, or contact the Office of Academic Affairs. Students whose accounts have been placed in collections are not eligible to pursue the appeal process for tuition refunds or assistance.

Credit for Room and Board Charges

If a student moves out of the residence halls before the end of the semester, credit for room and board may be available as outlined in the housing license agreement. Appeals of any charges must be submitted in writing to the Office of Campus and Residential Services during the semester the student departs the residence halls.

Credit for Commuter Meal Plan Charges

Credits are not available for commuter meal plans. Students should also note that plans expire at the end of each semester.

Payment Plans

A payment plan is available to qualifying students. All arrangements, including the initial payment, must be completed at least one week prior to the payment due date. Students may set up a payment plan by the semester. Payments are made as follows:

- For the fall semester, payments may begin as early as August 1 and must be paid in full by December 1.
- For the spring semester, payments may begin as early as January 1 and must be paid in full by May 1.
- For the summer semester, payments may begin as early as May 15 and must be paid in full by July 15.

Please contact the Student Accounts Office at (703) 284-1490 for additional information.

All or part of each semester's costs may be budgeted with no interest rate assessed. A nonrefundable enrollment fee of \$35 is required.

Students who need further assistance may call the Student Accounts Office at (703) 284-1490.

Veterans

The Office of Military and Veteran Student Services at Marymount University provides active duty, veteran, and reserve service members and their families with information and financial resources that promote academic and personal success. Additional information on opportunities for veterans and military service members, including VA benefits, is available by contacting veterans@marymount.edu or (703) 284-1521.

This institution is approved to offer GI BILL® education benefits by the Virginia State Approving Agency, which is the approving authority of education and training programs for Virginia. The agency investigates complaints of GI BILL beneficiaries. While most

complaints should initially follow the school grievance policy, if the situation cannot be resolved at the school, the beneficiary should contact the agency via email: saa@dvs.virginia.gov.

Under the Veteran Benefits and Transition Act of 2018 (section 3679 of title 38, United States Code), any covered individual will be permitted to attend classes without penalty for Department of Veteran Affairs non-payment, as long as the covered individual has submitted a Certificate of Eligibility and VA Certification Form to the School Certifying Official.

NOTE: A Covered Individual is any student who is entitled to educational assistance under Chapter 31, Vocational Rehabilitation and Employment, or Chapter 33, Post-9/11 GI BILL Benefits.

Financial Aid

The Marymount University program of financial aid attempts to help students who have academic potential and limited financial resources. In addition, scholarships are awarded to students who demonstrate outstanding academic potential and performance, with financial need considered but not a prerequisite.

The objective of all federal and most state aid programs is to provide opportunities for those who would not be able to complete their college education without financial assistance. Certain states, such as the Commonwealth of Virginia, award grants without regard to financial need to students who apply and can prove state residence.

Eligibility for Need-Based Aid

Financial aid is any grant, scholarship, loan, or paid employment offered for the express purpose of helping a student meet educationally related expenses. How much financial aid a student will receive is calculated in the following manner:

1. The budget for a student's academic year living and educational expenses is determined, taking into account factors such as residence, enrollment, and dependence.
2. The expected contribution by the student and family toward the student's yearly expenses is determined through a federal formula.
3. The resources contributed by the student and family are subtracted from the budget, and the remaining amount is referred to as the student's "financial need."

Financial Aid Application Procedure

Students seeking financial aid through grants, loans, Federal Work-Study, and scholarships that require the filing of the Free Application for Federal Student Aid (FAFSA) should follow these steps to apply:

1. Complete the FAFSA online at www.fafsa.ed.gov.
The FAFSA must be completed by both new and currently enrolled undergraduate students for each year they seek financial aid. The information is analyzed, and a report on the estimated contribution expected from the family or the self-supporting student is sent to the university. Marymount's federal school code is 003724.
2. Financial aid applications must be submitted by March 1 for each academic year in which financial assistance is sought.

Awards are offered when applications are complete and the student has been accepted for enrollment into a degree program.

Types of Aid

Grants

The *Federal Pell Grant* program provides federal gift aid for students. The grants range from \$400 to \$6,195 a year based on enrollment status. Eligibility is determined by the federal government. A student applies for this grant by following the financial aid application procedures. Repayment is not required.

The *Federal Supplemental Educational Opportunity Grant (FSEOG)* is awarded to eligible full-time undergraduate students who demonstrate the highest level of financial need. Qualified students can be awarded grants of up to \$4,000 per academic year. Students must follow financial aid application procedures to apply.

Marymount Grants are sponsored by the university to make education affordable for as many full-time, first-degree undergraduate students as possible. To apply, students must follow financial aid application procedures. Awards are based on financial need.

The *Virginia Tuition Assistance Grant (VTAG) Program* is not based on financial need and is available to all legal Virginia residents who are full-time students. The amount of the award varies each academic year based on state funding. Awards will be made by the commonwealth to students who file their applications by July 31. Repayment is not required. Late applications will be considered if funds are available. For further

information, contact the Office of Financial Aid. The program is funded by the Commonwealth of Virginia.

Marymount participates in the *Yellow Ribbon Program*, part of the post-9/11 GI bill that provides grants of \$2,000 per year to eligible veterans pursuing undergraduate or graduate degrees. The U.S. Department of Veterans Affairs (VA) matches this amount with another \$2,000. Eligibility requirements are available through the VA or Marymount's Office of Student Affairs.

Loans

The *Federal Direct PLUS Loan* may be used to supplement other financial aid programs. Parents of dependent undergraduates are eligible to apply for this loan each academic year at a variable interest rate. Eligibility is based on credit worthiness. Students must follow the financial aid application procedures. Contact the Office of Financial Aid for details on this loan.

The *Federal Direct Subsidized Loan* is for students enrolled in a degree program on at least a half-time basis; it enables them to borrow an annual amount based on their grade level and length of program. The federal government will pay the interest until the repayment period begins, six months after the student leaves school. The Office of Financial Aid provides information on obtaining this loan with award letter notification. Students must complete the financial aid application process and demonstrate need in order to qualify. Students who plan to pay tuition through a Federal Direct Subsidized Loan should apply for this loan in time for it to be processed before registration.

The *Federal Direct Unsubsidized Loan* is available to students who do not demonstrate need. The terms are the same as those for the Federal Direct Subsidized Loan except that the student is responsible for the interest while in school.

Scholarships

Marymount University offers several performance-based Academic/Service Scholarships. All scholarships are designed for full-time, first-degree undergraduates and can be applied to undergraduate tuition only, unless otherwise specified. Scholarships are renewable for four years of full-time study providing the student maintains a cumulative GPA of at least 2.5. Transfer students are eligible for some scholarships as well. Please see the following list for eligibility criteria and other details about Academic/Service Scholarships. Students interested in these scholarships should contact the Office of Admissions.

Marymount also has a number of need-based and merit scholarships funded by generous donors to the university. Students deserving consideration for such scholarships are typically identified by a school or department within the university. For further information about all available scholarships, contact the Office of Admissions or the specific school or department.

Academic/Service Scholarships

Clare Boothe Luce Scholarship

Offered pursuant to a major bequest to the university by Mrs. Luce, the fund provides scholarships to highly qualified female undergraduates to encourage them to enter; study; and earn a degree in biology, information technology with a computer science specialty, or mathematics. Students committed to further study in the medical sciences are not eligible. Graduating high school seniors, transfer students, and currently enrolled students may apply. Awards are made solely on the basis of merit and are calculated to include the cost of tuition and/or room and board. This scholarship cannot be used for study abroad. Eligibility is limited to women who are U.S. citizens and enrolled full time. Applications received by February 1 will be given priority consideration; late applications are accepted until May 1, contingent upon funding.

Spirit of Service Scholarship

Offered to students who have met high academic standards and have an outstanding record of volunteer service activity in their high school, church, and/or community agencies. The award of \$2,500 can be added to any existing Marymount merit scholarship. Scholars must continue full-time enrollment, maintain good academic standing, and complete 60 hours of volunteer service work each semester. Applications received by March 1 will be given priority consideration; late applications are accepted until May 1, contingent upon funding.

TheDream.US National Scholarship

Marymount University recently signed a partnership with TheDream.US, the nation's largest college access and success program for DREAMers. This is an external scholarship for students with DACA and TSP status. For eligibility, application, and deadlines, please see TheDream.US National Scholarship website (www.thedream.us/scholarships/national-scholarship/).

Merit Scholarships

Eligible, new full-time freshman applicants are automatically offered the highest scholarship for which

they qualify from the list below. All five academic scholarships are renewable for up to four years of study, provided the student maintains a minimum cumulative GPA of at least 2.5, and can only be used toward tuition charges.

Scholarship	Amount	Minimum GPA (on a 4.0 scale)	Minimum Standardized Test Score (SAT or ACT)	
			SAT	ACT
Presidential Scholarship	\$16,000	3.8+	N/A	N/A
		3.5-3.79	1200+ (old) or 1270+ (new)	26+
Dean Scholarship	\$14,000	3.5+	N/A	N/A
		2.8+	1100+ (old) or 1170+ (new)	24+
Success Scholarship	\$13,500	3.25+	N/A	N/A
		2.8+	1000+ (old) or 1070+ (new)	21+
Achievement Scholarship	\$12,500	3.0+	N/A	N/A
		2.8+	950+ (old) or 1030+ (new)	20+
Opportunity Scholarship	\$10,000	All domestic students not eligible for the above merit awards.		

Transfer Academic Scholarship

Eligible, new full-time transfer students who intend to earn their first bachelor's degree from Marymount are automatically offered the highest scholarship for which they qualify from the list below. Full-time students can renew the scholarship if they maintain a cumulative GPA of at least 2.5.

- The Marymount Academic Distinction Transfer Scholarship is an \$8,000 annual award for students with a 3.20+ GPA.
- The Marymount Academic Excellence Transfer Scholarship is a \$4,000 annual award for students with a 3.0+ GPA.
- The Marymount Saints Transfer Scholarship is a \$2,000 annual award for students with a 2.75+ GPA.

Student Employment

Federal Work-Study (FWS)

This program makes on-campus jobs available to students with demonstrated financial need. FWS eligibility is determined by the Financial Aid Office. To qualify for this program, students must be eligible to work in the U.S. and be enrolled full time at the time of application.

All students in this program are paid by paycheck based on a two-week pay cycle. The earnings are not directly applied to student accounts. Before students can be paid, they will be required to complete federally mandated employment paperwork, including an I-9 form, which establishes identity and work authorization, as well as federal and state tax forms. Students may also elect to complete a direct deposit form to have their paycheck sent directly to a bank of their choosing. Students must also follow financial aid application procedures by filing a FAFSA. (For further information see the Financial Aid Application Procedure on p. 29.)

Campus Employment

The university employs a large number of full-time students and pays them from its own resources. Students who are not eligible for FWS awards may apply for employment under this program. Students apply for jobs through the Handshake website. Student employment is managed by the Center for Career Services.

Gainful Employment Programs

New federal regulations require colleges to inform students of their prospects for "gainful employment" when receiving federal financial aid for nondegree programs. The disclosures were mandated to assist students in choosing the right program for their needs and to prevent them from taking on debt for programs with subpar professional placement rates. Prospective students will find Gainful Employment Disclosures for each certificate program on the appropriate school's website. Title IV federal financial aid is not available for certain nondegree programs, but private and institutional aid may be available. All degree programs

are exempted from the Gainful Employment Disclosure mandate.

Continuous Registration

Students approved for Continuous Registration will be reported to the National Student Clearinghouse as withdrawn. They will enter their federal student loan grace period as of that date, and if they have previously used up their student loan grace period, they will immediately enter into loan repayment.

Withdrawals

Students who withdraw from the university before the 60% point of the semester will have their federal financial aid prorated according to the federal formula. In addition, students failing to earn at least one passing grade in a semester will have their federal financial aid prorated and returned.

Satisfactory Academic Progress

Students are required to meet minimum standards of academic progress to continue to receive financial aid. The details are explained on the reverse side of the financial aid award letter and on the Office of Financial Aid's [Satisfactory Academic Progress Standards](#) web page.

Federal Financial Aid for Degree-Applicable Courses

Federal regulations mandate that federal aid cannot be awarded for classes that do not count toward a student's academic program. If students are enrolled in courses that do not count toward their degree, certificate, or other credentials, the courses cannot be used to determine enrollment status unless they are eligible remedial courses. It is the responsibility of students to work with their advisor to ensure their credits meet this requirement. In addition, these credits must match the number of credits that the award was based on, or a revised award must be prepared.

Repeating Courses

Students should be aware that, for federal financial aid purposes, they can only receive federal financial aid toward one retake of a previously passed course or its equivalent. This means that once a student has passed a particular course, the Office of Financial Aid can count that student as being enrolled in that course only one more time for federal aid purposes.

Verification of Attendance

The policy below relates ONLY to federal Title IV aid — Pell Grant, SEOG, Work-Study, Direct Loans, and PLUS loans (PPLUS and GPLUS). Institutional, state, and private awards are not included.

Per federal regulations, students establish eligibility for aid only if they actually attend their classes. Students' presence in class will be documented by the instructor through taking roll. This will be done at one of the class meetings within the first two weeks of class for a regular fall/spring semester (shorter time frames apply for mini-terms like summer).

All courses must be verified. Note that this policy also applies to online classes, study abroad, and internships — although the methods of "attendance collection" are modified.

Processing of federal aid is affected by non-attendance in the following ways:

1. For summer terms, no federal aid will be released until attendance is confirmed.
2. Following the last day to add/drop for the term, enrollment information will be evaluated based on the courses in which students are registered. These are the credit hours that will be used to determine students' final aid eligibility for the term. Please see the Academic Calendar (p. 8) to confirm the last day to add/drop for each term.

After the last day to add/drop, students will be withdrawn from classes that they failed to attend and "W" grades will be posted to their records. For more information, please see the Attendance section of the catalog (p. 43). Students will still be responsible for tuition and fees (see Credit for Tuition and Fee Charges on p. 27).

Academic Support Services

Library and Learning Services

University Librarian: Alison S. Gregory

Library and Learning Services facilitates learning, teaching, scholarship, and lifelong learning opportunities by providing Marymount University students, faculty, staff, and the community with access to information and a variety of educational support services. Its facilities are the Emerson G. Reinsch Library and the Ballston Coakley Library Extension.

Emerson G. Reinsch Library and Ballston Coakley Library Extension

The Emerson G. Reinsch Library and the Ballston Coakley Library Extension are an integral part of the learning resources of the university. The Emerson G. Reinsch Library is located on the main campus, and the Ballston Coakley Library Extension is located at the Ballston Center. The collection and services at each facility reflect the curricula and general needs of the university community. Together they offer the following:

- a collection of more than 500,000 books, e-books, media, and streaming video access to more than 95,000 journals in print or electronic form
- more than 220 online information resources — many of which are full-text — available on or off campus 24 hours a day, seven days a week
- library research instruction through class-based presentations or individual appointments
- reference assistance in person or by phone, chat, or email
- required textbooks on reserve for two-hour in-library use
- internet access on more than 60 public desktops and laptops, PCs and Macs; access to many software packages on most public computers
- group study rooms that can be reserved online
- MakerSpace equipped with PCs, Macs, 3D printers, projectors, and writable wall
- coffee bar
- scanners, printers, and black-and-white photocopiers
- laptops, iPads, power cables, headphones, and USB drives that can be checked out
- wireless access

The library's goal is to respond to the changing needs of students, faculty, and staff. Library faculty and staff work closely with colleagues in academic departments to ensure that the library's resources and services meet the needs of the Marymount community.

Marymount University's membership in the Washington Research Library Consortium (WRLC) allows students and faculty members to borrow from or use on-site the collections of American University, The Catholic University of America, Gallaudet University, George Mason University, The George Washington University, Georgetown University, Howard University, and the University of the District of Columbia. Library consortium members share an online catalog of collections. Loan requests for books, articles, or media are made online and delivered to the student's home institution or via email access. Interlibrary loan requests from libraries throughout the United States can be arranged if materials are unavailable in the collection.

Center for Teaching and Learning

The Center for Teaching and Learning strives to be a nexus of support where all students and faculty can explore innovations that inspire learning. The center is staffed by specialists in teaching, learning, writing, instructional technology and design, and access services. The center offers the following:

- one-on-one tutoring, drop-in tutoring, and group study sessions led by trained graduate and undergraduate peer tutors for many academic subjects
- one-on-one and drop-in writing support led by trained graduate and undergraduate writing consultants and writing support for English language learners
- academic coaching for students who want to explore better ways to study and learn
- assistance preparing applications for graduate school, honors and awards, and distinguished scholarships
- assistance with writing scholarly work and teaching writing-intensive courses
- determination and coordination of academic accommodations and academic support for students with documented disabilities who are registered with Student Access Services

- teaching consultations, instructional technology integration assistance, collaborative feedback sessions, instructional design services, academic integrity solutions, and comprehensive support for online teaching and learning
- media assistance for faculty and students

The Undeclared Major

Some students are uncertain of their choice of major and choose to enter the university as undeclared. A dedicated academic advisor will help these students discover and select a major. Students who begin their studies as an undeclared major can take the time for careful reflection before selecting a major that best suits their interests and abilities.

Traditionally, a student's junior and senior years are devoted to taking classes within the major, so undeclared students must choose a major by the end of their sophomore year. The academic advisor encourages undeclared students to begin narrowing down their potential majors by the conclusion of the first year.

Typically, there are two types of undeclared students, each with a different suggested first-year course plan.

Undeclared Major Option 1

Students who are open to several possibilities or have no clear idea about how to choose a major should choose this option. The focus will be on taking classes required for the Liberal Arts Core and exploring introductory courses in areas of interest.

Year One — Fall

EN 101 Composition I (WR core course)*

Humanities (FNA or HI-1) core course*

TRS 100 Theological Inquiry (TRS-1 core course)*

DSC 101 DISCOVER First-Year Seminar*

One (1) explore elective**

Year One — Spring

EN 102 Composition II (WR core course)*

PH 100 Introduction to Philosophy (PH-1 core course)*

Natural Science (NS) core course with lab*

Introductory Social Science (SS-1) core course*

One (1) explore elective**

Undeclared Major Option 2

Students who are able to narrow down their choice of major to two or three possibilities, and at least one of those choices is a field that is mathematics- or science-intensive, should choose this option. In addition to taking Liberal Arts Core requirements, these students will take introductory mathematics and science courses. This will give students an opportunity to evaluate their aptitude in these disciplines.

Year One — Fall

EN 101 Composition I (WR core course)*

SS-1 or Mathematics (MT) core course*

Natural Science (NS) core course with lab*

TRS 100 Theological Inquiry (TRS-1 core course)*

DSC 101 DISCOVER First-Year Seminar*

Year One — Spring

EN 102 Composition II (WR core course)*

PH 100 Introduction to Philosophy (PH-1 core course)*

History (HI-1) or SS-1 or FNA core course*

Introductory Social Science (SS-1) core course*

One (1) explore elective**

* Fulfills Liberal Arts Core/University Requirements. See University Requirements and the Liberal Arts Core (p. 59) and Course Descriptions (p. 203) for further information.

** Explore electives should be selected from courses in the subject area(s) in which the student is considering a major.

Saints' Center for Service

The Saints' Center for Service (SCS) advances the vision of the ideals of the Religious of the Sacred Heart of Mary to serve others. The center promotes the integration of service with the university's commitments to student development, teaching, learning, and scholarship.

The center provides support to Marymount students, faculty, and staff to promote and empower students for service. The center offers the following services:

- promotes and participates in service opportunities that provide a meaningful learning experience
- connects students, faculty, and staff with external community partners to build capacity for service opportunities
- oversees development and maintenance of community service programming and education for students

The center is staffed by a full-time director in collaboration with the faculty coordinator of service learning who is responsible for an academic initiative that provides support across all disciplines with service learning (SL) course implementation, assessment, professional development, and development of support resources.

Student Access Services

The Office of Student Access Services (SAS), housed in the Center for Teaching and Learning (CTL), enjoys partnering with students with disabilities to help them

- register with SAS as a student with a disability;
- apply for and use SAS-approved accommodations; and
- navigate successfully through their academics by becoming more self-aware of their unique learning patterns and disability-related challenges.

Accommodation services are offered to students with the goal of reducing the impact of their impairment(s) and providing equal opportunity to engage in Marymount's rich learning environment. In order to allow sufficient time to pinpoint the impact of a disability and determine what access is necessary, students requesting approval for reasonable accommodations should initiate a dialogue with SAS as early as possible.

All accommodation requests need to be directly related to the disability and the impairment's impact on the student. In order to establish an existing disability, students need to submit written documentation.

Information on documentation criteria is located on the [SAS pages](#) on Marymount's website.

Students who have been approved for academic accommodations will receive an official accommodation letter each semester from SAS. Students can then provide each of their instructors with a copy of the accommodation letter and discuss how approved accommodations will be implemented throughout the semester. It is important for students to request their instructors' signatures on the accommodation letters

during these exchanges. These signatures inform SAS whether or not accommodations are understood, agreed upon, and collaboratively applied by student and instructor.

SAS assists students in effectively using support resources and services available to them at the CTL and throughout the university community.

Accommodations for housing, dining, emotional support animals, and other non-academic modifications are provided in conjunction with other university offices. More information can be found in the [SAS section](#) of Marymount's website.

Career and Internship Services

Marymount University's Center for Career Services is committed to preparing students for successful professional lives after their time at the university. The center provides opportunities for career preparation, professional development, and experiential learning by offering workshops, webinars, and career fairs, and through the university-wide internship program.

During their time at Marymount, students are encouraged to take advantage of these services to help build their career portfolios. The center offers rapid review of student resumes and cover letters on a daily basis. Additionally, students may schedule appointments with the experienced career services staff regarding career exploration and job search strategies, and interview and negotiation advice. The center also hosts numerous career and internship fairs that students are encouraged to attend.

Further, the center organizes and hosts a variety of workshops and professional development opportunities so that students may increase their repertoire of hard and soft skills for the modern workplace. Session topics range from project coordination and strategic goal development to learning about workplace culture and etiquette. These transferable skills may aid students while working in school and afterward.

Finally, the internship experience program builds on Marymount's core curriculum and each student's academic major by offering students real-world experience in their field. While enrolled in their internship, students explore career interests; improve their understanding of a profession's responsibilities; apply teamwork skills and critical thinking, oral, and written communication in an organizational setting; and network with professionals in their fields of study.

All undergraduate students are required to complete an internship or experiential learning opportunity related to their major before graduation. Internship coordinators work collaboratively with faculty mentors to assist students in applying for and selecting appropriate internships. Students need to have completed at least 90 credits before beginning their internship. Students must complete a 3- or 6-credit internship course within their major, which is graded on a pass/fail basis. Students must be registered for the internship course during the semester that the internship takes place, including summer. Students enrolled in a teaching licensure program fulfill the internship requirement through a 6-credit student-teaching experience course and are not required to complete a separate internship.

Academic Information and Policies

Academic Integrity Policy Summary

Academic integrity is founded upon and encompasses the Marymount University values of professionalism, respect, integrity, diversity, excellence, faith, and service. Supporting and affirming these values is essential to promoting and maintaining a high level of academic integrity. Educating community members about the value and practice of academic integrity is central to Marymount's mission. Each member of the academic community must stand accountable for his or her actions. As a result, a community develops in which students learn the responsibilities of citizenship and how to contribute to their professions with purpose and integrity.

If knowledge is to be gained and properly evaluated, it must be pursued under conditions free from dishonesty. Deceit and misrepresentations are incompatible with the fundamental activity of any academic institution and will not be tolerated at Marymount University. Members of the Marymount community are expected to foster the spirit of academic honesty and not to tolerate its abuse by others. The responsibility for academic integrity lies with individual students and faculty members of this community. A violation of academic integrity is an act harmful to all other students, the faculty and, ultimately, the university.

The Marymount University Academic Integrity Code governs students' intellectual activities directly related to the academic life of the institution and is in effect during all phases of a student's academic career. In circumstances where violations are alleged after graduation, alumnae/alumni may be subject to this code for work submitted in completion of degree requirements. The code is applicable to any academically related experience involving Marymount University students whether occurring on campus, in a distance-learning situation, at host institutions or sites, or at internships; it may even be applied to claims of academic honors made to individuals outside the university. Violations of this code include cheating, plagiarism, falsification of information or citations, text-recycling/self-plagiarism, facilitating or soliciting the academic dishonesty of others, fraud or misrepresentation in academic claims, and other forms of academic misconduct.

When a violation of academic integrity is suspected, students and faculty are encouraged to meet to determine an appropriate course of action. Penalties for first violations vary with the severity of the offense and may be assigned by the faculty member involved or through an academic integrity hearing process. The standard sanction for a second violation is suspension or expulsion and must involve an academic integrity hearing. All alleged academic integrity violations will be resolved in accordance with the Academic Integrity Code.

The complete Academic Integrity Code provides detailed information on the nature of academic integrity violations, possible penalties, the adjudication process, and student rights and responsibilities under the code. The Academic Integrity Code, found on Marymount's website under the Office of Student Conduct and Academic Integrity (www.marymount.edu/Student-Life/Student-Affairs-Administration/Student-Conduct/Policies), supersedes all other documents, descriptions, or summaries of the Academic Integrity Code. Students, faculty, and staff may find additional information about Academic Integrity, including directions on how to file a complaint and information about conferencing with students, on the Academic Integrity portal site (my.marymount.edu/academicintegrity).

Orientation

The university provides new students with an orientation program to prepare them academically and socially for their Marymount experience.

The undergraduate new student orientation program takes place in August and is designed to provide first-year and transfer students with opportunities to learn about Marymount traditions, meet with academic advisors, familiarize themselves with campus and local resources, and interact with fellow classmates. Parents and families of future Marymount students also receive their own unique orientation experience to equip them with tools to support their student through the transition to college.

Students entering the university in the spring semester also participate in an orientation program that takes place in early January. This orientation program provides these students and their families with opportunities to learn more about Marymount, meet

with an advisor, register for classes, and meet other new students.

More information about Marymount orientation programs can be found online at www.marymount.edu/orientation.

International Student Orientation Session

International students bring their own unique needs to Marymount. Because of this, we provide both a university orientation program as well as an International Student Orientation Session (ISOS).

At the ISOS, we will address many different topics, including cultural transition issues, immigration and legal responsibilities, employment, and banking. Students will also have plenty of time to meet other international and American students.

In addition to attending the ISOS, all new international students are required to attend either the new student or graduate orientations.

For more information, email us at iss@marymount.edu or call (703) 526-6922.

Academic Year

Marymount University operates on a semester system. The two terms of the regular academic year are known as the fall and spring semesters. Marymount may also offer abbreviated mini-mester sessions within the academic year. The summer term is known as the summer semester, with courses taught in segments identified as sessions. Sessions of varying length offer students the opportunity to earn credit during the summer semester.

Undergraduate students at every level use the summer sessions to accelerate their studies, compensate for missed or failed courses, or continue steady progress toward the completion of their degree programs. The university encourages visiting students to use the summer sessions to acquire credits for transfer to their home institutions.

For session dates, consult the Academic Calendar (p. 8) in this catalog or visit the [Office of the Registrar](#).

Registration

Each student is required to register at the time and in the manner designated by the registrar. Advance registration periods are posted on the [Office of the Registrar](#) website.

The student is required to seek the guidance of an academic advisor in developing a schedule of classes. No credit will be granted for any course, including independent study, unless registration is completed prior to the start of the semester or the during the designated add period as per the Academic Calendar. Students are responsible for registering for the necessary courses in the proper sequence to meet the requirements of the chosen curriculum.

All prescribed charges for the previous semester must be paid before registration may begin. All charges for the ensuing semester must be paid or provided for before registration is complete. No student whose account is in arrears will be permitted to register until all obligations are met. This includes submission of medical records, payment of parking fees, and payment of library fines.

Students are responsible for maintaining a current U.S. address on file with the university. Students should advise the Office of the Registrar of any address changes. (See Address Changes on p. 24.)

Course Load

Full-time undergraduate students normally carry a minimum of 12 and a maximum of 18 credits per semester. Part-time undergraduate students normally carry a minimum of 6 credits and a maximum of 11 credits. Students enrolled in 5 credits or less are considered less than half time. All credits are semester credits.

Registration for more than 18 credits requires permission from the student's advisor and associate dean.

Late Registration and Add Period

During the first nine days of the fall and spring semester, unregistered students, including newly admitted students, may enroll in or add classes as per the Academic Calendar. During the first three days of summer session I (SU I), the first two days of summer session II (SU II), and the first five days of summer session III (SU III), unregistered students may enroll in or add classes. Students may enroll in official mini-mester sessions through the first Wednesday of the mini-mester session as per the Academic Calendar. Students may enroll in weekend or concentrated courses until the start of the first class meeting.

Auditing Courses

Students may request permission from their associate dean to audit a course. An audit course is considered a regular course for tuition payment and appears on the transcript. A student must request an audit course at the time of registration, and it may not be changed to a course for credit once it has been registered as an audited class. A student may not change from credit to audit after the last day to register or add as published in the Academic Calendar. Audited courses do not count toward degree or graduation requirements.

Alumni of any Marymount degree program in good standing may audit up to two courses per semester. Alumni status is determined by university policy. Alumni enrolling as auditors may not change to credit-seeking status, and audit courses will not count toward a future degree program. Alumni will be eligible to register to audit a course beginning one week prior to the start of classes, where space permits, and not after the late registration and add period. For information on the alumni course audit policy and procedure, visit the [Alumni Course Audit Program](#) page on the Marymount website.

Adding, Dropping, or Withdrawing from Courses/Separating from the University

Students can add or drop courses online or in person for full semester courses and official mini-mester courses up to the date specified in the Academic Calendar. Students may enroll in weekend or concentrated courses until the start of the first class meeting. Students wishing to drop a weekend or concentrated course have until the start of the first class meeting to drop without academic record and until the start of the third class meeting to withdraw with a grade of W.

Course Type	Deadline to Add	Deadline to Drop without Academic Record	Deadline to Withdraw with a Grade of W
Full semester (fall or spring)	Ninth day of the semester	Ninth day of the semester	Friday of the tenth week of classes
Full semester (summer)	SSI: Third day of SSI	SSI: Fifth day of SSI	SSI: Twelfth day of SSI
	SSII: Third day of SSII	SSII: Fifth day of SSII	SSII: Twelfth day of SSII
	SSIII: Fifth day of SSIII	SSIII: Fifth day of SSIII	SSIII: Friday of the fifth week of SSIII
Mini-Mester	Third day of the start of the mini-mester session	Fifth day of the mini-mester session	Twelfth day of the mini-mester session
Weekend or Concentrated	Start of the first class meeting	Start of the first class meeting	Start of the third class meeting

To drop a class or classes, students should complete an Add/Drop Form at the Office of the Registrar or access their class schedule via My MU Plan.

To drop or withdraw from all classes in a semester and maintain matriculation for the next semester, students must request and obtain email approval for Continuous Registration from their associate dean (see Continuous Registration section on p. 40).

Before the last day to add classes, any newly admitted students who wish to separate from the university or defer their admission should email the Office of Admissions (admissions@marymount.edu) and the Office of the Registrar (registrar@marymount.edu). Any returning students, or newly admitted students after the last day to add classes, who wish to separate from the university should notify the Office of the Registrar electronically or in writing by submitting a Separation Form approved by their associate dean. The date the student notifies the Office of the Registrar of the intent to separate is the official date that determines the student's financial responsibility to the university. Any

tuition refund or credit will be calculated based on the withdrawal/separation date recorded by the Office of the Registrar. The last date to file a request for separation for enrolled students is the last day of classes as indicated by the Academic Calendar.

Students who stop attending courses without officially withdrawing from the course or separating from the university will receive an FA.

Continuous Registration

All degree and certificate candidates must maintain active status at the university until all requirements are satisfied. Typically, students do so by enrolling in classes each semester. Since Marymount is a term-based credit-hour institution, it cannot offer a federally approved leave of absence option. However, students may request to be placed on Continuous Registration.

Any returning student, or newly admitted and enrolled student after the last day to add classes, who intends to temporarily discontinue studies and not enroll for a semester, must obtain email approval for Continuous Registration from his or her associate dean. Continuous Registration is typically approved for one academic semester and rarely approved for longer than one academic year (two academic semesters and one summer semester).

Students approved for Continuous Registration will be reported to the National Student Clearinghouse as withdrawn. If the Continuous Registration term is a future term, the effective date of withdrawal will be the last day of the semester in which the student was enrolled or the last date of enrollment if the student was on Continuous Registration in the previous term. If the Continuous Registration term is the current term, the effective date of withdrawal will be the date the student submits the Continuous Registration request. Students who have federal student loans and go on Continuous Registration will go into repayment status on those loans. See the Continuous Registration section in Financial Information (p. 32).

The date students submit their request for Continuous Registration is the official date to determine the student's financial responsibility to the university. The last date for enrolled students to request Continuous Registration is the same date as the last day to withdraw from classes as listed in the Academic Calendar. For a returning student who has not enrolled in the current semester, the last date to request Continuous Registration is two weeks after the last day to add classes.

If a student who is not enrolled does not submit a request for Continuous Registration, the student breaks registration, will be withdrawn with an effective date of the last day they were enrolled, and must reapply for admission to the university. A nondegree student who does not enroll in a semester will have their program closed and must reapply for admission to the university. Students who are approved to take courses at another institution while on Continuous Registration are subject to Marymount's post-matriculation credit limits.

Internship Registration

Students are registered for their internship only after receiving permission from their department and school. Students may add an internship until the last day to late register for or add a class in the fall, spring, or summer semesters (summer session II). Students must have met all prerequisites, secured the internship position, confirmed their work schedule with their site supervisor, and completed an internship agreement form prior to registration. Students and their academic internship mentor/advisor must agree upon and document the credit value of the field experience, depending on the nature of the academic component and the number of hours required for the work component. Academic departments may have additional requirements, so check with an academic internship mentor (AIM)/advisor. The recommended standards for academic credit may vary, but typically they are 120 hours a semester for a 3-credit internship experience or 240 hours a semester for a 6-credit internship experience.

Students must submit a completed Internship Agreement Form prior to the last day to add a class. The form is then approved by the academic department and/or school. Once all approvals are submitted, the student will be automatically registered for the internship course. Occasionally, the approval process may take longer due to internship site-specific requirements such as a background check. In such cases, the internship form, with approvals pending, should still be submitted prior to the last day to add classes. If the form is not submitted by the deadline, the student will not be allowed to register for an internship course in that semester and will have to wait for the next academic term.

In rare cases, exceptions to the above policy may be made when circumstances warrant. These exceptions can only be granted by the associate dean of each school in consultation with the associate provost of academic affairs and enrollment management. Typical exceptions may include, but are not limited to: a student in his/her

final semester (i.e., needs internship credit to graduate) or a student who has extenuating financial circumstances. Exceptions can only be made **PRIOR** to university census (October 1 for fall semester, 5th Friday of the term for spring semester).

Students Enrolling at Consortium Institutions

All Marymount degree-seeking students in good academic standing are eligible to enroll in courses offered through the Consortium of Universities of the Washington Metropolitan Area and in synchronous online language courses offered by the Virginia Foundation for Independent Colleges (VFIC). See Consortium of Universities of the Washington Metropolitan Area (p. 75) for participating institutions and programs. Nondegree students are not eligible.

Degree-seeking students may enroll under the following conditions:

- The course must be recommended by the student's advisor and approved by the student's associate dean prior to enrollment.
- The course may not be offered concurrently at Marymount.
- Once a student is enrolled in a course through the consortium, the course cannot be changed to transfer credit after the consortium registration deadline.
- A maximum of two courses through the consortium and two language courses through VFIC may be counted for credit toward Marymount degree requirements.
- Students should not enroll in a consortium course in their first semester at Marymount, with the exception of students enrolled in the ROTC program. Students with extenuating circumstances may be approved to take other consortium courses in their first semester.
- Students should not enroll in consortium classes during the semester of their anticipated graduation. Taking a course outside of Marymount during the student's final semester may delay his or her graduation.

Enrollment at Marymount does not guarantee enrollment at a visited school or a VFIC participating institution.

Students enrolled in consortium courses follow the registration, withdrawal, and grading policies of their home institution.

Consortium courses fulfill the minimum-credits requirement for residency.

Registering for Consortium Classes

For consortium class registration procedures and deadlines, please visit the [Office of the Registrar](#) website.

A completed Consortium Registration Form must be received by Marymount's Office of the Registrar one week prior to the start of the Marymount semester.

Visiting Consortium Students

Consortium students visiting Marymount must fill out a consortium form with their home institution. Visiting consortium students are not eligible for Marymount internships, clinical nursing or physical therapy courses, or other specialized courses. Students must pay all applicable fees to their home institution. Visiting students must call the consortium coordinator at (703) 284-1520 or send an email to registrar@marymount.edu if they have questions about their eligibility for a course.

Transfer Policies

The Washington area attracts many residents and students from other parts of the country and the world. For this reason Marymount is especially responsive to students transferring directly from other institutions or bringing academic credits earned elsewhere. Transfer students receive academic counseling from advisors who pay special attention to the quality of prior academic learning as well as degree completion requirements.

Acceptance of course credits earned elsewhere for credit toward degree requirements is at the sole discretion of Marymount University. Courses from other regionally accredited institutions must be completed with a grade of C or better to be considered for transfer credit. Courses may not be taken pass/fail. The application of transferred course credits toward specific program requirements is determined by department chair or designated faculty in the relevant discipline in consultation with the associate deans and the registrar. Grades earned at other institutions do not count in the student's Marymount grade point average.

Transfer applications are welcome at any stage of degree completion. To be considered for admission, a transfer applicant should have a cumulative 2.0 grade point average. Undergraduate credits older than 10 years are subject to review by the appropriate department and associate dean to determine the timeliness of the content and methodologies. Marymount University does not normally accept for transfer equivalent community college specialized courses whose content appears

comparable to junior- or senior-level courses at Marymount.

Transferring Credit at Entry

The university accepts a maximum of 64 credit hours from a two-year institution. Applicants who have successfully completed coursework at a four-year institution may transfer up to 20 additional credit hours. No student may count more than 84 transfer credit hours toward a degree. The residency requirement is a minimum of 36 credits completed at Marymount after matriculation. Courses taken at Marymount through the Consortium of Universities of the Washington Metropolitan Area are not counted toward the maximum 84 transfer credits and are counted toward the university's 36-credit minimum residency requirement.

If a student has more transfer credits than the maximum that can be counted toward a degree, including credit by examination, the Office of the Registrar will select the most appropriate credits for transfer based on applicability toward degree requirements. Students may request to alter these selections with the approval of their advisor and associate or assistant dean.

In addition to credits from regionally accredited institutions, Marymount accepts College-Level Examination Program (CLEP) subject examination, International Baccalaureate (IB) Higher Level examination, and Advanced Placement (AP) examination credits. Marymount may also accept credit earned through ACE-accredited examinations, subject to review and approval by faculty within the discipline and in consultation with the associate and assistant deans. A Marymount student can earn no more than 30 undergraduate credits through any combination of approved examinations, validation examinations administered by the university's academic departments, or assessment of portfolios of prior learning. None of these 30 credits may be used to complete the residency requirement for graduation from Marymount. No more than 30 of these credits may be counted toward the maximum of 84 transfer credits for a Marymount degree.

Transferring Credit after Entry

After entry, a student may transfer to Marymount University no more than four courses (up to 16 credits) from another institution. These courses are in addition to any courses taken through the Consortium of Universities of the Washington Metropolitan Area,

Virginia Foundation for Independent Colleges (VFIC), and Marymount's Center for Global Education.

The following rules govern transfer credits after entry:

- Such credits are counted as part of the maximum transfer credits, which may be counted toward a Marymount degree.
- Courses must be reviewed by the appropriate program chair for application toward degree requirements.
- Written approval must be obtained from the student's associate or assistant dean prior to taking courses for transfer back to Marymount.
- Forms for this purpose are available in each school office and in the Office of the Registrar.
- If a student is approved to transfer a course from a member of the Consortium of Universities of the Washington Metropolitan Area, the course cannot be changed to consortium credit after the consortium registration deadline.
- Courses approved for transfer must be completed with a grade of C or better and may not be taken pass/fail.
- A final official transcript must be submitted to the Office of the Registrar.
- Approval may not be granted for courses to be taken during the last semester of the student's enrollment. Note: Taking a course outside of Marymount during the student's final semester may delay his or her graduation.
- Students transferring credits from another institution in the semester in which they apply to graduate must submit final official transcripts to the Office of the Registrar no later than 30 days after degrees are conferred for that semester.
- Courses transferred after entry do not count toward the residency requirement.
- Grades earned in courses transferred after entry do not count in the student's cumulative grade point average.
- Grades earned in courses transferred after entry cannot replace grades earned in the equivalent Marymount University course.
- Students who are approved to take courses at another institution while on continuous registration are subject to Marymount's post-matriculation transfer credit limits.

Other Credit-Acquisition Opportunities

Marymount participates in a number of programs that award credit to students for achievement or work experience, such as:

Advanced Placement (AP): Applicants who seek advanced placement because they have taken one or more of the AP examinations should have the examination results sent to the Office of Admissions prior to enrollment. First-year and transfer students who have earned a qualifying score may be granted credit (without grades). Advanced credit earned in this manner by entering first-year and transfer students may fulfill any university or departmental graduation requirement. For a list of AP subject examinations, the Marymount course for which a student may earn credit(s), and the score required to earn those credit(s), please visit the [Office of the Registrar](#) website.

International Baccalaureate (IB): A student who does work based on college-level studies in an International Baccalaureate program in a secondary school can earn college credits through IB examinations. Subjects examined at the higher level with an earned qualifying grade will be considered for transfer credit. Credit will not be awarded at the standard level. Any student interested in receiving credit through the IB program should arrange for an official grade report to be sent directly to the Office of Admissions. If credit is awarded, the student's university record carries a notation of credits, but no grade is recorded.

For a list of IB subject examinations, the Marymount course for which a student may earn credit(s), and the score required to earn those credit(s), please see the IB information on the [Office of the Registrar](#) website.

Cambridge International Exams: A-Levels: Credit is awarded for grades of A, B, or C. No credit is awarded for AS- or O-level work.

College-Level Examination Program (CLEP): Credit may be awarded for the CLEP subject examinations depending upon the score earned. The university follows the guidelines recommended by the American Council on Education (ACE) for awarding credit. The student's university record will carry a notation of credit, but no grade will be awarded. The university does not recognize credits from CLEP general examinations. Undergraduate students interested in receiving credit for CLEP

examinations should arrange for their official score reports to be sent directly from the Educational Testing Service to the Office of Undergraduate Admissions.

For a list of CLEP subject examinations, the Marymount course for which a student may earn credit(s), and the score required to earn those credit(s), please visit the [Office of the Registrar](#) website.

French Baccalaureate: Credit is granted for subjects with a minimum grade of 10. No credit is awarded for English or French language.

Other ACE-Reviewed Examinations: Credit may be awarded for other subject examinations based on ACE guidelines and additional review by Marymount faculty.

Credit for Military Training: Credit may be awarded for military training after the student's program chair and associate dean evaluates the official Joint Service Transcripts (JST) or Community College of the Air Force (CCAF) transcripts.

Credit Acceptance Policy for Exams

Acceptance of course credits earned elsewhere for credit toward degree requirements is at the sole discretion of Marymount University. A Marymount student can earn no more than 30 undergraduate credits through any combination of examinations. None of these 30 credits may be used to complete the residency requirement for graduation from Marymount. Credits earned through examination after matriculation will count toward the maximum of 84 total transfer credits. The application of transferred course credits toward specific program requirements is determined by department chairs or designated faculty in the relevant discipline in consultation with the associate and assistant deans and the Office of the Registrar.

Attendance

There is a relationship between the academic success of the student and class attendance. The university expects students to accept their responsibility to attend class regularly and promptly. Classes are held up to the date and hour preceding vacations and they resume promptly after the recess in accordance with the academic calendar. Students are expected to attend class meetings prior to and immediately following holiday periods.

Students not officially enrolled in a course offered by the university may not attend class.

Individual instructors have the prerogative to establish requirements for class attendance. Students are responsible for complying with the instructor's requirements and expectations. Absences for justifiable reasons such as illness; significant family crisis; observance of religious holidays; jury duty; or participation as a university representative in athletic contests, conferences, or cultural performances may be excused by the instructor if previous absences are not excessive and if the student has made prior arrangements with the instructor to make up missed work. Instructors must assess a grade of "FA" for students who fail a course due primarily to poor or nonattendance.

Students are fully responsible for making up work missed due to class absence, both excused and unexcused. When students are absent, they are responsible for obtaining class notes and assignments from reliable sources. Instructors are not required to supply notes. Assignments and projects are to be delivered to the instructor on the assigned date, even when the student does not attend class. Without permission of an individual instructor, no test or class material will be repeated or rescheduled.

Prolonged illness or extraordinary circumstances such as a death in the family must be reported to the Office of Student Affairs, which notifies the student's instructor(s) of the absence (see Short-Term Emergency Notification section on p. 53). Students absent for a significant time should consult with their academic advisor or associate or assistant dean before deciding to withdraw or continue.

Faculty will be recording students who have not been attending. Students who are reported as not attending one or more of their courses in the first two weeks of fall or spring classes will be withdrawn from those course(s) with a grade of W. Students who are reported as not attending 50% or more of their courses in the first two weeks of fall or spring classes will be withdrawn from those courses with a grade of W and may be withdrawn from the university after the first four weeks of the semester.

Students who are reported as not attending one or more of their courses in the first week of a summer session will be withdrawn from those course(s) with a grade of W. Students who are reported as not attending 50% or more of their courses in the first week of a summer

session will be withdrawn from those courses with a grade of W and may be withdrawn from the university after two weeks into the summer session.

Classroom Code of Conduct

Marymount University expects all members of the community to be active participants who learn from others and contribute, in turn, to the learning of others. Therefore, all members of the community agree to work together in every academic activity to create an educational environment of responsibility, cooperation, respect, and civility.

To create such an environment, all members should contribute to the learning environment by arriving on time and not leaving until dismissed. Repeatedly arriving late or departing early is not acceptable. Students who must arrive late or leave early from an individual class should notify the instructor before the scheduled class and should enter and/or leave class with minimal disruption.

During class, all electronic devices — pagers, cell phones, players, and computers — should be shut off unless required in a class activity. Those whose work or family obligations require them to remain in contact should inform the instructor in advance and use the device's least intrusive setting.

The classroom — both face-to-face and virtual — is a professional setting where appropriate behavior is expected. Every participant should focus on the educational activity and contribute to it. Electronic communication among participants should be conducted professionally. An instructor has the right to uphold these expectations through an attendance policy, a class participation grade, or other mechanism. A student whose behavior disrupts the educational environment can be asked to leave. Repeated and/or serious interruptions may be reported as violations of the Marymount University Community Conduct Code and investigated according to the code's procedures.

This policy describes a minimum standard of expected classroom behavior, and individual professors and/or programs may include additional expectations regarding student behavior in class and consequences for failing to meet such expectations. It is the instructor's responsibility to inform students of these expectations at the beginning of the semester and students' responsibility to adapt their behavior to specific instructors' expectations.

Final Semester Enrollment

In the final semester before graduation, a student should not be enrolled in a study abroad, transfer, or consortium course. Grades from these courses cannot be guaranteed to arrive before the deadline for certifying graduates and recognizing Latin honors at Commencement events.

Post-Baccalaureate Certificate Student Academic Policies

Unless otherwise noted, post-baccalaureate certificate students follow the same academic policies and procedures as undergraduate students at Marymount University.

Graduate-Level Coursework

Courses numbered 500 and above are not open to undergraduates, except by written permission of the appropriate advisor and the associate or assistant dean of the school. Such permission forms are available in each school. This policy also applies to students enrolled in bachelor's/master's programs and in the Honors Program.

Academic-Level Status

Academic-level status at Marymount is defined according to a student's number of accumulated academic credits. The academic credits a student is currently earning are not counted in the accumulated total. Under this definition, students are classified as follows: first-year, 0 to 29 credits; sophomore, 30 to 59 credits; junior, 60 to 89 credits; senior, 90 or more credits. Students in bachelor's/master's degree programs should consult their program's section in this catalog to learn when they reach graduate student status.

Academic Advising

Academic advising is one of many ways in which a student individually works with an academic advisor. An advisee and advisor work collaboratively to develop and carry out an academic plan that meets the student's professional and personal goals. The university values the advising relationship as a continuous dialogue and encourages the student's participation in the university community, the growth of ethical awareness, the fulfillment of program requirements, and the advancement of a career.

Students are responsible for

- making decisions based on their own best judgment and on the best information or advice available to them;
- arranging appointments with an advisor;
- coming to advising meetings prepared;
- knowing where to find information about their academic program;
- understanding degree requirements;
- being candid about personal reflection and self-awareness of goals, interests, needs, etc.; and
- contacting an advisor when their academic performance falls below Marymount or program-specific standards.

Academic advisors are responsible for

- taking the initiative to engage advisees in the academic planning process;
- assessing student needs, goals, and interests;
- monitoring the academic progress of their advisees;
- making referrals to support services and offices;
- advertising and keeping regular, sufficient hours for consulting with advisees;
- monitoring personal and professional progress; and
- becoming aware of the whole person.

Each school is responsible for

- supporting an advising model that matches the institution's mission and the needs of all students;
- encouraging the development of advising/mentoring skills by promoting "best practices";
- communicating assigned advisors to students; and
- evaluating faculty advisors/mentors to ensure continuous improvement.

The university is responsible for

- promoting the central role of advising and mentoring in the academic life of the community;
- assuring that advising policies are clear, that advising procedures facilitate advisor and advisee relationships, and that advising resources are available;
- providing support and recognition for academic advisors;
- providing advisors and advisees with user-friendly information systems; and
- assessing the advising program regularly.

Degree Planning

Each degree program in this catalog specifies the major course requirements necessary to earn a degree. Each student should pursue a degree at a pace that maximizes his or her opportunities for long-term success.

Furthermore, some flexibility is required, as not every course is offered every semester. Consulting regularly with an academic advisor is the best way for students to plan their degree program.

All minor and certificate programs include a list of required courses that fulfill the desired program of studies. There may be a recommended or specified sequence of courses. Consulting with an academic advisor on program planning is recommended.

Students can monitor their progress toward degree completion through the progress function in My MU Plan.

Required Proficiency

The university requires competence in basic skills in reading, writing, and mathematics. Any faculty member may refer a student judged to be unsatisfactory in these skills to the Center for Teaching and Learning for evaluation. At the discretion of the appropriate school dean, such a student may be required to undertake and successfully complete developmental study provided by the university in the skill area in which the student is deficient.

Evaluation of Students

The individual instructor of each course determines the method of evaluation. The final grade given for any course is based on the sum of evidence that the student gives the instructor that demonstrates understanding and retention of the material presented in the course. In addition to formal examinations, the instructor may determine the student's grade using recitation, term papers, written and oral quizzes, and participation in class and seminar discussions. The grade is a symbol of a student's degree of mastery of a course. The university requires that all written work submitted by students conform to standard English.

Undergraduate Grading Policies

The following is a brief explanation of the letter grades that may be further delineated by a plus sign (+), which is not used for A grades, or a minus sign (-). The numerical equivalent of letter grades is determined by the instructor and is approved by the dean of the school

that offers the course. Undergraduate students permitted to enroll in graduate courses (500-level and above) should consult the university's *Graduate Catalog* for graduate student grading policies.

A/A-	Superior, outstanding scholarship and intellectual initiative.
B+/B/B-	High attainment and a notable degree of scholastic performance.
C+/C/C-	Satisfactory performance at an average level of college achievement. Indicates an understanding of the essential elements of a course. C is the minimum passing grade for courses in the major field in several schools of the university. Students should refer to school requirements in the relevant sections of this catalog.
D+/D/D-	Deficient but passing. A grade of D indicates a bare minimum performance. A degree program determines whether a course graded D will count as prerequisites for advanced courses. A grade of D ordinarily is not transferable.
P	Passing grade. This grade carries no quality points and is not calculated in the grade point average.
F	Failure to meet minimal standards. Course must be repeated to obtain credit. (See Course Repeat Policy on p. 48 for further details.)
FA	Failure primarily due to poor or non-attendance. Course must be repeated to obtain credit. (See Course Repeat Policy on p. 48 for further details.)
I	Incomplete work. An Incomplete is given at the discretion of the instructor and with approval from the school dean when circumstances beyond a student's control prevent the completion of some course requirements. A majority of coursework must be completed in order for an I to be given. A student who receives a grade of I must complete the work in the time designated by the instructor. This time may be no longer than one semester. Students receiving a grade of I in the semester in which they apply to graduate must

	complete the outstanding work within the time designated by the instructor, but no later than 30 days after degrees are conferred in any given semester. The Incomplete must be removed by the end of the semester immediately following, including the summer semester. Failure to remove an Incomplete by the time specified will result in a failing grade. A student must then re-enroll and matriculate successfully in the course to obtain credit.
W	Authorized Withdrawal. A grade of W is given to a student who withdraws from a course up until the last date to withdraw with a grade of W or separates from the university after the last date to drop without academic record. The grade of W carries no credit or academic penalty. It is recorded on the permanent transcript.
AU	Indicates that the course was audited and no credit or grade was received.
NG	Non-graded course.
PASS/FAIL	The pass/fail option may not be chosen for Liberal Arts Core requirements or requirements in the major field other than the internship. The pass/fail option must be approved by the student's advisor and dean. A student must indicate that a course is to be taken pass/fail at the time of registration and may not change this status after the last day to add a class.

Consortium Grading and Credit

Grades for consortium courses are sent to the Office of the Registrar by the visited institution. They are recorded as Marymount University credit and calculated into the Marymount University cumulative grade point average.

Grades are recorded onto the Marymount University transcript as soon as they are received. In most cases, this will be after regular Marymount credit has been posted. In such cases, students will need to request updated transcripts.

Consortium credits are converted to Marymount University semester credits and count toward full-time/part-time status at Marymount University. If necessary, grades are converted to the nearest Marymount University equivalent.

A student may repeat a completed consortium course under the following criteria:

- a student fails the course
- a student fails to earn the minimum grade required for his or her program and has only taken one consortium course

In order for Marymount to replace a lower grade in a consortium course, students must repeat the same course at the same institution. A consortium course may not be taken a third time through the consortium registration process. It can only be taken for a third time at another institution, and the grade will not be replaced in the GPA calculation.

See Minimum Grade and Course Repeat Policy (p. 48).

Midterm Grades

At the end of the eighth academic week of each semester in the regular academic year, instructors submit interim grade reports online. This grade is not a part of students' permanent record but is used as an indicator of scholastic progress.

Midterm grades are an indication of the quality of the student's performance at that point in the semester; they are not an indication or a guarantee of the student's final grade in the course. Students should refer to the course syllabus for information about a course's grading policy.

Students who wish to earn a final grade that improves upon a grade received at the midterm should speak with their instructor and academic advisor.

Assessment of Learning Outcomes

At Marymount University, faculty strive to improve the curriculum and teaching by assessing student learning. Within each academic major at the university, faculty have identified learning outcomes and evaluate the extent to which students achieve them. Additionally, faculty assess student mastery of the core competencies, using various measures depending on the nature of the program: comprehensive examinations, theses, portfolio submissions, examples of student work, and/or standardized professional board examinations. Faculty use the results of these measures to continually improve and strengthen the university's programs.

Individuals interested in additional information can contact the [Office of Planning and Institutional Effectiveness](#).

Cumulative Grade Point Average

The cumulative grade point average is determined by dividing the number of quality points a student has earned by the number of measurable credits of work. Quality points per credit are as follows:

Grade	Quality Points
A	4.0
A-	3.7
B+	3.3
B	3.0
B-	2.7
C+	2.3
C	2.0
C-	1.7
D+	1.3
D	1.0
D-	0.7
F	0.0
FA	0.0

Minimum Grade and Course Repeat Policy

Degree- and Certificate-Seeking Students

Degree- and certificate-seeking students are expected to maintain a minimum cumulative grade point average of 2.0 and are subject to review each semester by the Undergraduate Academic Standards Committee.

Each department determines the minimum grade for a course to complete a Liberal Arts Core or major requirement. Students who do not meet the minimum grade for a course may repeat the course. A student may repeat a completed course under the following criteria:

- If the course is retaken at Marymount, the course must be identical in listing.
- The second time the course is taken at Marymount, the course cannot be taken pass/fail.
- If taken for a second time at Marymount, both courses and grades will be recorded in the student's file and transcript.
- For calculation of the cumulative grade point average and for fulfillment of curriculum requirements, only the credit and grade of the course with the higher grade will apply, and the credit and grade of the

course with the lower grade will no longer count.

The GPA of the term when the course was originally taken will not be changed. If the same grade is earned, the credit and grade of only one of the courses will apply.

- The course may not be taken a third time at Marymount. It can only be repeated for a third time at another institution, and the Marymount grade will not be replaced in the GPA calculation.
- If a course in a field of concentration is not successfully completed the second time, the student may not be permitted to continue in the concentration.
- An undergraduate course with a grade of C or better may not be repeated unless a degree or certificate requirement demands a grade higher than C.

This policy is limited to 16 hours of coursework.

Students must obtain approval from their associate or assistant dean in order to enroll in a repeat course.

Any appeals to the policy will be handled at the department level with approval from the associate dean.

Nondegree Students

Nondegree students are expected to maintain a minimum cumulative grade point average of 2.0.

Courses completed with a grade below C may be unacceptable depending on the specific requirements within the student's program of study.

Final Examinations

All courses are expected to include a final exam or comparable culminating experience. Final exams are scheduled during a final examination week, which is part of the required contact time for every course. Students should not make travel arrangements prior to determining their final examination schedule because instructors may not schedule alternative or individual examinations in place of the course final exam. The final exam schedule can be found on the [Office of the Registrar](#) website.

Academic Honors

Dean's List

The Dean's List is comprised of the names of those undergraduate students who carry a full academic load for a given semester, are in good academic standing, and obtain a grade point average of at least 3.4. For this purpose, a full academic load will be considered 12 or

more undergraduate credits. Graduate courses are not considered in Dean's List calculations. This list is published soon after completion of the semester; therefore, students with Incompletes will not be listed. Once Incompletes are replaced with letter grades, eligible students will be considered for Dean's List. A Dean's List notation is made on the transcript for each semester it is awarded.

Honor Societies

Beta Beta Beta National Biology Honor Society, also known as the TriBeta honor society, is dedicated to overall academic excellence with special emphasis on biology. TriBeta honor students are strongly encouraged to pursue undergraduate research opportunities. This honor society is open to biology undergraduates who meet the membership requirements, which can be obtained from the biology and physical sciences department.

Delta Mu Delta International Honor Society in Business is open to qualified juniors, seniors, and graduate students in the B.B.A. and M.B.A. programs. To be eligible, undergraduate students must have completed at least 60 credits, including 30 credits in business administration courses (21 credits at Marymount University for transfer students) with a business administration cumulative GPA of 3.5 and an overall GPA of 3.5. Graduate students must have completed at least 75% of their Marymount University graduate degree program with a cumulative GPA of 3.8.

Kappa Delta Pi is an international honor society in education dedicated to those demonstrating high academic achievement, a commitment to education as a career, and a professional attitude that assures steady growth in the field. Membership is open to graduate students, undergraduates, and exceptional local leaders in education. Undergraduate students must have completed, or be enrolled in, 12 hours of education courses, be accepted into the teacher-education program, and have a minimum overall GPA of 3.0. Graduate students must have completed 12 hours of education coursework, be fully accepted into the teacher-education program, and have a minimum graduate GPA of 3.5.

Lambda Pi Eta is the National Communication Association's official honor society at four-year colleges and universities. Lambda Pi Eta represents the first letters of what Aristotle described in *Rhetoric* as the three modes of persuasion: logos, pathos, and ethos.

Marymount is home to the Alpha Chi Omicron chapter of Lambda Pi Eta. To be eligible, students must complete 60 semester credit hours, have a minimum overall cumulative GPA of 3.0, complete 12 semester credit hours in communication at Marymount University, have a minimum GPA of 3.25 for all communication courses at Marymount University, and currently be enrolled as a student in good standing, as determined by the communication program. Eligible members are selected in the fall and spring semesters, with one induction ceremony in the spring semester.

Omicron Delta Epsilon is the economics honor society, accredited by the Association of College Honor Societies. Its objectives are the recognition of scholarship attainment and the promotion of closer ties between students and faculty within colleges and universities. To be eligible for membership, a student must have completed 12 or more credits in economics with a 3.0 cumulative GPA in economics courses and a 3.0 overall cumulative GPA, and have a genuine interest in economics. Transfer students must have completed at least six credits in economics at Marymount with a 3.0 GPA in those courses.

Phi Alpha Theta is the national history honor society. To be eligible, students must have completed at least 12 credit hours in history and maintain a minimum GPA of 3.0 (3.1 in history courses). Members are selected annually by the history faculty.

Phi Eta Sigma National Honor Society is dedicated to first-year students who obtain a 3.5 GPA or higher during their first term or year of college while enrolled full time. Eligible members are selected annually.

The Honor Society of Phi Kappa Phi is the nation's oldest and most selective all-discipline collegiate honor society. Membership in Phi Kappa Phi is by invitation only, extended by Marymount University (Chapter 351) members. Those invited to membership include the top 7.5% of juniors (72+ credit hours, with at least 24 of those credits completed at Marymount), the top 10% of seniors (90+ credit hours, with at least 24 of those credits completed at Marymount), and the top 10% of graduate students (with a minimum of 18 credit hours completed at Marymount). Eligible members are invited in the fall and spring semesters, with one induction ceremony in the spring semester.

Psi Chi International Honor Society in Psychology is open to psychology students who have completed at least 12 semester credits (or nine and be registered for three) in psychology courses. Undergraduate psychology students must have a minimum 3.5 GPA in

their psychology courses and a minimum 3.0 overall GPA. Graduate students must have a minimum GPA of 3.5.

Sigma Tau Delta is an international honor society for students majoring or minoring in English. Membership is open to both undergraduate and graduate students. To be eligible for membership, undergraduates must have completed at least 12 credits in English beyond the first-year composition level and have a minimum overall GPA of 3.5. Graduate students must have completed at least nine credits in their graduate program and have a minimum GPA of 3.7.

Sigma Theta Tau, the international honor society in nursing, is open to nursing students who have completed one half of their coursework leading to the bachelor's degree, have a minimum GPA of 3.0 in the nursing major, and rank in the top third of their class. Students should demonstrate their ability in nursing both academically and clinically and should exhibit overall leadership qualities. Graduate students must have completed one quarter of their coursework leading to the graduate degree, have a minimum GPA of 3.5, and demonstrate academic integrity.

Upsilon Pi Epsilon, the information technology (IT) honor society, is open to both undergraduate and graduate students. To be eligible, undergraduate students must have completed at least 54 credits, including at least 15 credits in IT coursework. Eligible students must have a minimum cumulative GPA of 3.0 and a minimum GPA of 3.3 in IT courses. In addition, eligible students must be in the top 35% of their class.

Graduation Honors

Students fulfilling requirements for a bachelor's degree will be graduated with Latin honors if they have completed a minimum of 60 credits at Marymount University and their cumulative grade point average meets or exceeds the following:

- 3.8 *summa cum laude* (with highest honors)
- 3.6 *magna cum laude* (with high honors)
- 3.4 *cum laude* (with honors)

The GPA is not rounded when calculating honors. Study abroad credits (with the exception of credits earned through Marymount-sponsored programs) are not counted toward the 60-credit requirement for Latin honors eligibility. Students who take a transfer or consortium course in their final semester of enrollment may not be eligible to have their Latin honors recognized in Commencement activities.

Graduation Awards

The Mother Butler Gold Medal is awarded by the faculty to the graduating student who has shown the greatest devotion to the ideals of Marymount.

The Bishop Ireton Gold Medal is presented to the graduating student who has had the greatest influence of good on his or her companions. The recipient is selected by the graduating baccalaureate class.

The Mother Gerard Phelan Gold Medal is traditionally presented at Commencement to a woman noted for achievement of an exemplary nature.

The Sister Majella Berg Service Award is presented to the graduating student who has made the most significant contribution in the area of community service in the greater Washington metropolitan region.

Students Pursuing a Double Major or Dual Degrees

A student who elects to pursue a double major must complete all required coursework for each program to ensure achievement of all learning outcomes, completing at least 120 credit hours.

A student who elects to pursue dual degrees must complete at least 120 hours for the first degree, an additional minimum of 36 hours at Marymount for the second degree, and required coursework for each degree.

A student who is a double major or pursuing a dual degree must successfully complete at least one internship. The replacement course for the second internship should be a 300- or 400-level course in one of the student's disciplines. If a 300- or 400-level elective course is not available, then a course in a related discipline can be substituted. Students are advised to schedule an advisor meeting early in the academic planning process to discuss in which major to complete the internship. Approval for the substitution should be made by the chair and the associate dean in the related discipline.

A student electing a double major or dual degrees must file the appropriate form and secure an advisor in each program or degree. Forms for this purpose may be obtained from school offices.

The university cannot guarantee availability of all course requirements without scheduling conflicts when pursuing a double major or dual degrees.

Students with a Previous Bachelor's Degree

A student who has previously earned a bachelor's degree at a regionally accredited institution may enroll at Marymount to pursue a second undergraduate degree and is exempt from the Liberal Arts Core and University Requirements.

Students Enrolled in Bachelor's/Master's Programs

Some programs allow students to accelerate their studies toward completion of their master's degree by offering a combined bachelor's/master's program. Students will achieve learning outcomes for both programs. Criteria for acceptance into these programs are specified by the individual schools and programs.

Students Pursuing a Minor

A minor normally requires 15-21 credit hours in a field outside the major. Available minors are listed in each school's section of this catalog. A student electing a minor must file the appropriate form from the school offering the minor and secure an advisor in that program. The university cannot guarantee the availability of all course requirements without scheduling conflicts when a student pursues both a minor and a major field of study. Students who decide to no longer pursue a minor must file the appropriate form with the school offering the minor to remove the minor program from their record.

Change of Major

Requests for a change of academic program must be made in writing. Forms for this purpose may be obtained in school offices. Only degree-seeking students may complete this form. A request for program change must be approved by the associate or assistant dean of the school housing the requested program. A nondegree student must reapply through the Office of Admissions to become a degree-seeking student.

Students who change their major must meet the requirements outlined in the university catalog in effect at the time of the declaration of the new major. This policy also applies to undeclared students who then declare a major.

Requirements for Graduation

The Bachelor's Degree

The bachelor's degree is awarded to students meeting the following requirements (or their equivalent in transferred credits in the case of transfer students):

- completion of all course requirements with a minimum cumulative grade point average of 2.0
- earn a minimum of 120 credits by completing
 - all Liberal Arts Core and university requirements;
 - all requirements imposed by the school in which the student is enrolled and that are different from Liberal Arts Core and University Requirements; and
 - all major requirements

NOTE: The following courses do not count toward a degree or fulfill any graduation requirements: EN 090 Introduction to College Reading, MA 019W Quantitative Reasoning Workshop, MA 094 Quantitative Reasoning, and MA 095 Intermediate Algebra.

In order to participate in Commencement ceremonies, a student must be receiving a degree during the spring or upcoming summer semester or have received a degree within the last academic year. Students may only participate in one Commencement ceremony.

The Post-Baccalaureate Certificate

Students must obtain a minimum cumulative GPA of 3.0 to be awarded a post-baccalaureate certificate.

Students awarded a post-baccalaureate certificate do not participate in Commencement ceremonies.

The Undergraduate Certificate

Students must obtain a minimum cumulative GPA of 2.0 to be awarded an undergraduate certificate.

Students awarded an undergraduate certificate do not participate in Commencement ceremonies.

General Requirements

Academic certification: Certification for graduation by a student's dean and the registrar must be obtained prior to degree conferral.

Application for graduation: A graduation application must be received by the Office of the Registrar by the posted deadline.

Completion requirement: For an undergraduate degree, all coursework must be completed at Marymount University within 10 years of the date of matriculation.

Documentation: All final documentation must be received by the Office of the Registrar no later than 30 days after the degree conferral date for that semester. Documentation includes such items as official transcripts, test scores, completion of Incompletes, and grade changes.

Final grades: Students receiving a grade of I in the semester in which they apply to graduate must complete the outstanding work within the time designated by the instructor, but no later than 30 days after the degree conferral date for that semester.

Students transferring credits from another institution in the semester in which they apply to graduate must submit final official transcripts to the Office of the Registrar no later than 30 days after the degree conferral date for that semester.

Financial obligations: All financial obligations must be met prior to the university Commencement. These include parking fines, credit holds, tuition, etc.

Minimum grade point average: A minimum cumulative GPA of 2.0 must be obtained for the awarding of any undergraduate degree or undergraduate certificate. This cumulative GPA applies to Marymount University coursework.

Program requirements: The total number of credits required to earn a degree varies by program. Please consult individual program sections in this catalog. Marymount University requires successful completion of all Liberal Arts Core and University Requirements as well as major coursework associated with a student's degree program. The requirements to be met are stated in the university catalog in effect at the time of the student's initial matriculation or declaration of a major. Transfer students must complete all courses noted on their transfer evaluation and program of study. This includes obtaining minimum grades for courses as stipulated in other sections of this catalog.

A student who cannot successfully fulfill the requirements of a major program will be dismissed from the program. If the student is otherwise in good academic standing, the student may remain at the university by selecting another major program.

Residency requirements: For the bachelor's degree, students must complete a minimum of 36 credits as a student at Marymount. Credits transferred from study

abroad programs, with the exception of credits earned through Marymount-sponsored programs, will not be counted toward the university's 36-credit minimum residency requirement.

Graduation and Commencement

Degrees are conferred in May, August, and December. There is one formal Commencement ceremony in May.

A student must submit a graduation application (available online in Marynet) by the posted deadline. NOTE: The completion of a graduation application does not guarantee that a student will graduate. The school in which the student is matriculated will complete a student's degree audit once a student applies to graduate. The degree audit will determine if a student is eligible to graduate.

Graduation applications submitted after the posted deadline will be processed at the discretion of the university and are subject to a late processing fee. Students who submit the application after the published deadline may not receive their diplomas by the close of the semester, may not graduate until the next graduation date, and — in the spring semester — may not be listed in the Commencement program and may not participate in Commencement exercises.

Students who do not meet graduation requirements at the end of the semester in which a graduation application was submitted will automatically have their application moved to the next semester, provided they can complete their requirements within the 10-year period for degree completion. Students who are unable to complete their degree requirements in 10 years must obtain permission from the appropriate associate dean to continue. For any delays beyond one semester, the student must submit a new application and indicate the new anticipated graduation date.

Participation in the Commencement ceremony held in May is open to students who have applied to graduate in the current spring semester, the preceding fall semester, or the preceding summer semester. Students may only participate in one Commencement ceremony.

In addition, students who need to take no more than two courses (up to 8 credits) during the upcoming summer semester to complete their degree requirements may also participate in the previous May Commencement ceremony if they meet both of the following conditions:

1. They complete an application for graduation by the designated deadline.

2. The associate dean notifies the Office of the Registrar that the student needs to complete the degree requirements in the summer semester immediately following Commencement.

No exceptions or exemptions to these two conditions will be made or given.

Diplomas

Diplomas for all graduates (fall, spring, and summer) are mailed by the Office of the Registrar within 2-4 weeks of the conferral date of the graduating semester, provided the graduation application has been submitted in a timely manner.

Diplomas are issued in the student's legal name as it appears in official university records. Diplomas are mailed at no charge. Diplomas are withheld from students who have unsettled obligations to the university.

Diploma Replacement Policy

A replacement diploma in the name of the student as it appeared at the original time of issue will be provided upon written request by the student, return of the damaged diploma if possible, and payment of a \$90 replacement fee. The replacement will include appropriate dates, signatures, and notations where possible. If the student's name has been legally changed by marriage or court order, a new diploma may be issued upon written request. This request must include legal proof of the name change and payment of the fee.

Transcripts

The Office of the Registrar will forward official transcripts of courses and credits to other educational institutions, agencies, or firms upon signed, written request by the student.

Requests for transcripts are usually processed within five working days; however, during registration and immediately following the end of a semester, there may be a delay of up to two weeks. In the event of unsettled obligations to the university, transcripts will be withheld.

Same-day service is available for a fee, payable in advance.

Unofficial transcripts are available to current students via My MU Plan.

Short-Term Emergency Notification

A student who experiences an illness, medical emergency, death in the family, or family emergency that causes absence from classes for a short period of time (e.g., several days and up to a week) should contact the Office of Student Affairs, which may issue an Emergency Notification to the student's instructors. This notice does not excuse students from classwork; it only makes the student's instructors aware of the situation. The student is expected to make arrangements for missed assignments directly with the instructor and follow the course attendance policy.

If a student's condition is serious enough to prevent completion of the semester, the student should follow the process for requesting a medical leave. The Office of Student Affairs and the student's associate dean are available for consult with students as they weigh their options.

Leave of Absence

Medical Leave

A degree- or certificate-seeking student who cannot continue enrollment for medical reasons may request a medical leave. A medical leave means that the student will be withdrawn from all courses in which the student is enrolled that semester; the university does not grant a medical leave from only one or multiple courses. A student may be unregistered from courses for subsequent semesters. If the medical leave occurs after the deadline to drop, the student receives a W grade on the transcript. Students granted medical leave will be placed on Continuous Registration (see Continuous Registration policy on p. 40) for the current academic semester. Students who require more than one academic semester of leave can petition to extend the absence (see Continuous Registration policy on p. 40). Medical leave is typically approved for one academic semester and rarely approved for longer than one academic year (two academic semesters and one summer semester).

Tuition and fee refunds are based on the published dates on the Academic Calendar. **There is no refund beyond these published dates.** Credits earned elsewhere while on leave will be accepted as transfer credits according to university policy.

Students (or a parent, spouse, or legal guardian) requesting a medical leave should do the following:

- Obtain email approval from the appropriate associate dean to be placed on Continuous Registration.

- Upon obtaining approval for Continuous Registration, submit the Medical Leave of Absence Form obtained from the Office of the Registrar to registrar@marymount.edu during the active semester by the last day to withdraw from classes.
- Attach supporting medical documentation, such as a doctor's note, military papers, or licensed clinician's note (not from a family member), that attests to the medical necessity for leave. Note that requests made without this required documentation will not be considered.
- Be a current student; no retroactive leaves will be reviewed.
- Not have taken any final examinations or culminating assignments during the current semester.

Final approval for medical leave is granted by the Office of the Provost in consultation with the Office of the Vice President of Student Affairs.

Students requesting to re-enroll after a medical leave should do the following:

- Make an appointment to meet with the dean of student success or designee no later than two weeks prior to the last day to add classes for the semester in which the student would like to return. No later than one week prior to the meeting, the student must provide electronic copies of the following to the dean of student success:
 - A letter of intent to resume studies and residential living (if applicable).
 - A letter from the student's licensed health care provider recommending that the student to return to academic study along with any recommendations for continued treatment. If the student lives in Marymount-sponsored housing, this documentation must also speak to the student's ability to return to community living.
- Upon receipt of the above documentation, the student may be provided a release form to complete, which will allow the dean of student success to speak to the student's licensed health care provider in order to provide ongoing support to the student.

A student must be in good academic standing according to the university policy, and the student account must be paid in full before registering.

Non-Medical Leave of Absence

A degree- or certificate-seeking student who cannot continue enrollment for non-medical reasons (i.e., employment, personal, or family) may request a non-

medical leave of absence. A non-medical leave means that the student will be withdrawn from all courses in which the student is enrolled that semester; the university does not grant a non-medical leave from only one or multiple courses. A student may be unregistered from courses for subsequent semesters. If the non-medical leave occurs after the deadline to drop, the student receives a W grade on the transcript. Students granted non-medical leave will be placed on Continuous Registration (see Continuous Registration policy on p. 40). Students who require more than one academic semester of leave can petition to extend the absence (see Continuous Registration policy on p. 40). Tuition and fee refunds are based on the published dates on the Academic Calendar. There is no refund beyond these published dates.

Nondegree students and alumni auditors are not eligible for a leave of absence and should follow the published course withdrawal policy.

Students Called to Military Duty

In accordance with the Higher Education Opportunity Act, Marymount University will readmit students who take a leave of absence to perform active military service and also meet the requirements defined in the act.

Furthermore, Marymount University appreciates the situation of students who attend classes while maintaining a military obligation. All administrative offices and academic departments at the university will do their utmost to accommodate those students called to active military duty while enrolled in classes. The university aims to make the transition as efficient, equitable, and expeditious as possible.

After consultation with instructors and the academic advisor, a student may choose one of three options:

- withdraw from some or all of his/her classes
- seek an Incomplete, outlined in Undergraduate Grading Policies (p. 46) and Graduate Grading Policies
- earn a grade

Under the withdrawal option, students will receive a complete refund of tuition and fees if they withdraw from all classes. If a student withdraws from some but not all classes, tuition will be reassessed according to full- or part-time status.

If the student elects to receive an Incomplete, the student must discuss arrangements for completion of coursework with the instructor; the arrangement must

clearly state the work completed and graded and the work remaining. The instructor, in turn, will complete and send to the Office of the Registrar the appropriate form. The deadline for completion of an Incomplete is six months after re-enrollment at the university.

With instructor approval, students may wish to elect the option of earning a grade if they have already completed most of the coursework and can accelerate remaining assignments prior to departure from the university.

Students should make their desired option known to the dean of the school in which they are enrolled.

Students who are called to active duty must provide documentation of their orders to the Office of the Provost and Vice President for Academic Affairs. Students who intend to return to the university should submit a Continuous Registration request to their associate dean. A student who returns to the university within two calendar years of the call to duty and presents documentation of military service is considered to have maintained Continuous Registration.

Academic Standing

It is expected that all students, both full time and part time, will make continuous and timely progress toward a degree. The university monitors academic progress and takes action when a student is no longer in good academic standing. Students can determine their academic standing by checking their grade point average.

Students will earn an academic standing after their first 12 attempted credits. Part-time students must meet the same academic standards as full-time students.

Categories of Academic Standing

At Marymount, there are three categories of academic standing for undergraduate students: good standing, academic warning, and academic probation.

Good Standing: An undergraduate student whose cumulative grade point average is at 2.0 or higher is in good standing.

Academic Warning: An undergraduate student whose cumulative GPA falls below 2.0 will earn a designation of academic warning for the semester in which the GPA declined. The subsequent semester is considered an intervention semester in which students will be required to complete an academic improvement course, specifically SEM 101 at Marymount University, which is designed to help them return to good standing. A

minimum grade of C is required for successful course completion. Failure to earn the minimum grade requirement will result in students repeating the course in the following semester. If students fail to enroll in the course or drop/withdraw from the course at any point during the semester (with the exception of a full withdrawal from the semester due to Continuous Registration or an approved medical withdrawal), they will be withdrawn from the university.

Academic Probation: Undergraduate students whose cumulative GPA falls below 2.0 and who have already been on academic warning at any point in their academic career will earn a designation of academic probation for the semester in which the GPA dropped. The subsequent semester is considered an intervention semester in which students will be required to complete an academic improvement course, specifically SEM 102 at Marymount University, which is designed to help them return to good standing. As part of this course, students will develop a contract specifying goals for the semester that must be met in order to continue at the university. If students fail to enroll in the course or drop/withdraw from the course at any point during the semester (with the exception of a full withdrawal from the semester due to Continuous Registration or an approved medical withdrawal), they will be withdrawn from the university. If students earn at least a 2.0 cumulative GPA, they are considered to be in good academic standing. If they fail to fulfill their academic contract and/or do not attain a minimum cumulative GPA of 2.0 at the end of an academic probation intervention semester, the executive director of the Center for Teaching and Learning will review their progress and determine whether or not to issue an additional intervention semester or issue a dismissal. Intervention semesters always follow semesters in the cumulative GPA dropped to below a 2.0. Dismissal is always an option after an intervention semester in which students did not earn at least a 2.0 cumulative GPA.

Continuous Registration: A student facing academic warning or probation may elect to take leave for a fall or spring semester to address factors that prevent academic success. The student will return on academic warning or probation. Students planning to take leave must drop their courses and submit a request for Continuous Registration to their associate dean by the end of the first week of classes to avoid financial obligations.

Dismissal: Students are eligible for dismissal from the university if their cumulative GPA after a probation intervention semester is below a 2.0. There is no appeal of dismissal, but a dismissal may be reversed if and

when a grade change (or changes) raises the student's cumulative GPA to a 2.0. A student who has been dismissed can only return to the university through the readmission process.

Seeking Readmission to the University

Students who have been academically dismissed or left the university while on academic probation may seek readmission to the university after waiting at least one full fall or spring semester after the last semester of enrollment.

To be eligible and considered for readmission, a student must submit the following four items to the Office of Undergraduate Admissions:

1. a completed Readmission Application
2. a positive reference letter from a current or former faculty member
3. a written statement that includes
 - reasons for the student's previous lack of success at the university, including an explanation of any extenuating circumstances that contributed to the previous academic difficulties;
 - documentation (if applicable) that any extenuating circumstances have been addressed; and
 - a detailed plan of success describing specific actions the student will take to improve academic performance
4. official transcript(s) of all academic work completed at other institutions since enrollment at the university. These transcripts must include evidence of satisfactory academic efforts, preferably with one of the following requirements met:
 - A student successfully completes at least 9 credits in the most recent fall or spring semester prior to the readmission application with a minimum GPA of 3.0. Courses must be completed at a regionally accredited institution and must be comparable to Marymount's current Liberal Arts Core requirements or major-specific requirements. Courses may not replicate requirements previously fulfilled at Marymount.
 - A student successfully completes a new undergraduate or associate degree since enrollment at the university. The degree must be earned from a regionally accredited institution.

In addition, international students must submit an updated International Student Supplemental Information (ISSI) form.

Deadline	For readmission to
June 1	fall semester
December 1	spring semester

The Undergraduate Academic Standards Committee (UASC) reviews all eligible applications and makes final decisions on readmission to the university and, in consultation with appropriate programs and offices, may impose certain conditions on such readmission. Readmission to the university does not guarantee admission into specific academic programs. The UASC will review and consider all coursework taken after dismissal from the university in making a decision on readmission. Readmitted students will be placed on academic probation and will be subject to those policies.

The committee will not review applications that are incomplete or that do not include evidence of satisfactory academic efforts.

Students who have been readmitted to the university after three or more semesters since academic dismissal will return to the university under the procedures listed in the catalog in force at the time of their readmission and must meet the requirements of their degree program stated in that catalog.

If you have questions regarding the application process for readmission, please contact the Office of Undergraduate Admissions.

University Suspension

The university may place a student who is found responsible for a violation of university policy, such as Community Conduct Code or the Academic Integrity Code, on suspension. A suspension is a temporary separation from the university. Suspended students will be permitted to return after a specified period of time and upon satisfaction of the conditions outlined in the notice of suspension.

Upon notification, the registrar will terminate registrations for semesters that occur within the period in which the student is suspended. Once the time condition of the suspension has passed, students who have other outstanding conditions per the notice of suspension must apply for Continuous Registration in order to remain enrolled at Marymount University. Students who have fulfilled all outstanding conditions within the specified period of time but choose not to enroll in classes in the semester immediately following the suspension must also apply for Continuous Registration. Students who fail to apply for Continuous

Registration will be withdrawn from the university and must seek readmittance.

Approval of Continuous Registration is subject to the terms and conditions outlined on p. 40. The behavioral expectations and regulations of the university apply to students while suspended. Students who violate university policy while suspended will be held accountable. Students who withdraw from the university while suspended or in anticipation of suspension may not seek readmission to the university for a period of 12 months after the end of the original suspension period. Refunds will be given according to the schedule in the appropriate university catalog and/or the housing license agreement.

Student Complaint Process

A student who has a complaint should bring it forward promptly for resolution.

Grade Complaint Process

If the matter concerns a final grade for a course, a student should attempt to resolve it informally in discussions with the instructor of record. A final grade is reviewed only when there is a question about whether the grade was calculated in accordance with the requirements and grading procedures stated in the course syllabus. A complaint that is not resolved informally between a student and an instructor should be submitted in writing (email or letter sent by post) first to the appropriate department chairperson and, if still unresolved, to the school dean. The decision of the school dean is final. Problems involving course grades must be brought forward within 45 days of the end of the semester in which the grade was earned.

Academic Grievance Process

A student who has an academic grievance other than a grade should attempt to resolve it informally in discussions with the appropriate instructor, faculty member, or his/her advisor. A complaint that is not resolved informally between a student and a faculty member is to be submitted in writing (email or letter sent by post) to the appropriate department chairperson. If it is not resolved, the complaint may be taken to the school dean. The decision of the school dean regarding the issue(s) of concern is final. A student should bring forward a complaint or problem no later than 45 days from the end of the semester in which the concern occurred.

Non-Academic Grievance Process

Non-academic complaints should be addressed to the department or office in which the problem originated. Complaints not resolved at this level may be submitted in writing (email or letter sent by post) to the supervisor for that office. If students are not satisfied with the resolution of the problem by a supervisor, they may refer the concern to the office of the vice president who supervises the area in which the complaint originated. The decision of the vice president regarding the issue(s) of concern is final.

For issues related to student academic integrity or behavioral misconduct not handled through the grievance process, please refer to the processes outlined in the Community Standards Book, which is available on the Office of Student Conduct and Academic Integrity website.

In accordance with VAC 40-31-100 of the Virginia Administrative Code, the State Council of Higher Education for Virginia (SCHEV) is responsible for investigating all written and signed complaints against postsecondary educational institutions operating in Virginia. This includes SCHEV oversight of complaints from students taking distance education under the aegis of the State Authorization Reciprocity Agreements (SARA). If a student has a complaint and has exhausted the avenues provided by Marymount University to resolve the complaint internally, the student can submit a Student Complaint Form to SCHEV. More details on the formal SCHEV student complaints procedure can be found on the SCHEV website at www.schev.edu.

Disability Grievance Process

Students who believe they have been subjected to unlawful discrimination on the basis of disability, or have been denied access to services or accommodations, have the right to use this complaint process. Depending on the nature of the complaint listed below, students are encouraged to contact the following university representatives to resolve the issue in-house:

The institutional ADA officer or a designee if

- Student Access Services (SAS) inappropriately denied a request for accommodations in light of what the student feels is a clearly defined need to overcome a barrier to access.
- the student was unable to access a non-academic program or activity due to a disability for which an SAS accommodation is not needed. This typically applies to a student's access to common areas, transit

services, event seating, and communication needs such as interpreting services.

- the student experienced discrimination or harassment based on disability by any person/s on campus.

SAS if

- accommodations authorized by SAS were inadequately implemented by a campus individual or unit.
- a student has been approved to use accommodations in an academic program activity and believes that implementation fell short of its intention. Academic program activity includes course instruction, student housing, and dining accommodations.
- the student feels there was a violation of privacy in the context of a disability during participation in an academic program or activity (to include housing and dining services).

While students are encouraged to utilize Marymount's process for resolving disability-related complaints (above), all students have a right to file a grievance directly with the U.S. Department of Education, Office for Civil Rights (OCR). OCR's contact information is:

Washington DC (Metro)

Office for Civil Rights

U.S. Department of Education

400 Maryland Avenue, SW

Washington, DC 20202-1475

Telephone: 202-453-6020

FAX: 202-453-6021; TDD: 800-877-8339

Email: OCR.DC@ed.gov

Requests for Exceptions to Academic Policies

In extenuating circumstances, a student may submit a request for an exception to an academic policy, such as withdrawing from all classes after the last day to withdraw. Students whose accounts have been placed in collections are not eligible to pursue the appeal process. Requests for exceptions to academic policies must be submitted in writing (an email sent to appeal@marymount.edu or a letter sent by post) to the associate provost for academic affairs within 45 days of the end of the term in which the situation requiring an exception occurred.

The Academic Enrollment Committee meets every two weeks to review requests for exceptions. Appeals of committee decisions are only permitted if the student can submit new information that was not reviewed by the committee; this will be the final decision. Students

who believe that they were discriminated against within the review process may file an appeal with the vice president for student affairs. Appeals must be submitted in writing (email or letter sent by post) within five business days of receipt of the committee's decision.

For information on academic integrity and student community conduct code appeals, see the [Office of Student Conduct and Academic Integrity](#) website.

University Requirements and the Liberal Arts Core

49 credits, plus 3 credits for DSC 101 (or 1 credit for DSC 201 for transfer students)

Students in all undergraduate academic majors and minors at Marymount University complete a common curriculum, known as the University Liberal Arts Core. The Liberal Arts Core is an integrated learning experience that develops intellectual as well as practical skills. Its purpose is to enable Marymount students to become critical thinkers and lifelong learners who value and pursue knowledge for its own sake, as well as apply knowledge within their chosen professions.

The Liberal Arts Core reflects the mission of Marymount University — its Catholic identity and the heritage of its founders, the Religious of the Sacred Heart of Mary. Central to this mission is a commitment to the Catholic intellectual tradition for which faith and reason are in harmony; education of the whole person is centered on examining fundamental questions of human existence and values to deepen an appreciation of life. The Liberal Arts Core is therefore grounded in the traditional humanities and sciences, the study of which provides students with a broad understanding of human cultures and the world around them, prompts them to examine their own lives and values, and encourages them to cultivate their sense of personal and social responsibility. Required subjects include theology, religion, philosophy, history, literature, social science, natural science, and mathematics. Additionally, all first-year undergraduate and transfer students with less than 60 credits are required to enroll in DISCOVER 101 or DISCOVER 201 at Marymount during their first semester.

There are several other hallmarks or unifying themes of a Marymount education that are supported by the Liberal Arts Core and other University Requirements. The Liberal Arts Core emphasizes the importance of ethical awareness and reflection by requiring a course in moral principles, and the study of ethical issues permeates the rest of the curriculum. The university curriculum prepares students for life in an increasingly interdependent world by requiring a global perspective course that focuses on contemporary transnational or cross-cultural issues. Many required courses throughout the curriculum focus on developing written communication, critical thinking, and independent research skills. The Liberal Arts Core also provides

students with opportunities to develop aesthetic appreciation through the study of fine art and literature.

Together, the courses in the Liberal Arts Core curriculum and University Requirements promote the following regularly assessed fundamental competencies:

- critical thinking
- information literacy
- written communication
- inquiry-based learning

The Liberal Arts Core lies at the heart of academic pursuits at Marymount. It enriches students' learning, lives, and careers. It fosters each student's intellectual, spiritual, and moral growth through study, reflection, and application of knowledge. It prepares Marymount students for the challenges of the 21st century by developing the knowledge, skills, and attitudes necessary to succeed, adapt to change, and contribute to society.

Breadth of Learning in an Atmosphere of Inquiry

The Liberal Arts Core requires courses in designated fields of study at both introductory and advanced levels. The Liberal Arts Core includes requirements that can be completed by taking designated courses in the core, the major, or the elective. These are called University Requirements.

There are University Requirements in the following:

- Experiential Learning (EXP)
- Global Perspective (GP)
- Inquiry Learning (DSINQ)
- Writing-Intensive (WI)

There are Liberal Arts Core requirements in the following:

- Humanities
 - Introductory and Advanced History (HI-1 and HI-2)
 - Introductory and Advanced Literature (LT-1 and LT-2)
 - Fine Arts (FNA)
- Mathematics and Sciences
 - Mathematics (MT)
 - Natural Science (NS)
 - Introductory and Advanced Social Science (SS-1 and SS-2)

- Philosophy and Theology
 - Introductory and Advanced Philosophy/Philosophical Ethics moral principles courses (PH-1, PH-2, and PH-E)
 - Introductory and Advanced Theology and Religious Studies/Theological Ethics moral principles courses (TRS-1, TRS-2, and TRS-E)
- Written Communication (WR)

A full list of courses identified as fulfilling University Requirements or the Liberal Arts Core follows. Any course that fulfills either requirement is also noted in the Course Descriptions (p. 203). Such courses include the appropriate designation, such as EXP, GP, etc.

University Requirements

*In the course lists throughout this catalog, courses meeting University Requirements are designated with *.*

Experiential Learning (EXP Designation)

An internship, research, student-teaching, clinical experience, or research experience is required. Most students meet this requirement through the internship in their majors. (Note: Please see the policy on internship registration requirements and deadlines under Internship Registration on p. 40.)

The following courses are designated EXP:

AA 400	Internship *
AA 433	Research *
ACT 490	Internship *
BIO 400	Internship *
BIO 433	Research *
CHM 433	Research *
CJ 400	Internship *
CJ 433	Research *
COMM 400	Internship *
COMM 433	Research *
ECO 433	Research *
ECO 490	Internship *
ED 460E	Student Teaching: PK-6 *
ED 460S	Student Teaching: Secondary Level *
ED 460SE	Student Teaching: Special Education *
EN 400	Internship *
EN 433	Research *
FA 400	Internship *
FA 433	Research *
GMD 400	Internship *
GMD 433	Research *
GSP 433	Research *
HPR 400	Senior Internship *
HPR 433	Research *
HI 400	Internship *

ID 400	Internship *
IT 433	IT Research *
IT 490	IT Internship
LS 400	Liberal Studies Internship *
MA 400	Internship *
MA 433	Research *
MGT 433	Research *
MGT 490	Internship *
NU 433	Research *
NU 489	Nursing Internship: Transition to Practice *
NU 490	Nursing Internship *
PH 400	Internship *
POL 400	Internship *
PSY 400	Internship *
PSY 405	General Psychology Laboratory Instructor Practicum *
PSY 433	Research *
SOC 400	Internship *
SOC 433	Research *
SOC 497	Community Engagement Experience *
TRS 400	Internship *

Global Perspective (GP Designation)

One designated course, study abroad, or foreign language course is required.

The following courses are designated GP:

COMM 220	Intercultural Communication *
ECO 350	Economics of Poverty *
ECO 485	International Economics *
EN 204	World Literature: Romanticism through Post-Modernism *
FIN 485	International Finance *
FR 101	Introductory French I *
FR 102	Introductory French II *
GER 101	Introductory German I *
GER 102	Introductory German II *
HPR 240	Principles of Epidemiology *
HPR 308	Global Health and Culture *
IT 110	Information Technology in the Global Age *
MGT 385	International Business *
MGT 485	International Management *
MKT 485	International Marketing *
POL 102	International Relations *
POL 103	Comparative Politics *
POL 240	Global Security *
POL 241	Global Political Economy *
POL 380	Politics of Latin America *
POL 381	Politics of Sub-Saharan Africa *
POL 382	Politics of Western Europe *
POL 385	Politics of South Asia *

POL 386	Politics of East Asia *
POL 388	Politics of North America *
PSY 230	Abnormal Psychology *
PSY 325	Cultural Psychology *
SOC 131	Principles of Sociology in Global Perspective *
SOC 203	The Global Village *
SOC 261	Through the Sociological Lens I *
SOC 361	Through the Sociological Lens II *
SOC 365	Gender Inequality in Global Perspective *
SOC 375	Topics in Human Rights *
SOC 385	Global Inequality and Community Development *
SP 101	Introductory Spanish I *
SP 102	Introductory Spanish II *
TRS 201	Understanding Religion *
TRS 202	Religions of the World *
TRS 325	Religious Approaches to Death *
TRS 340	Judaism in Thought and Practice *
TRS 345	Buddhist Traditions *

Inquiry Learning (DSINQ Designation)

Four designated inquiry-guided learning courses are required. At least three courses in the major are designated as inquiry-guided learning. In addition, DSC 101 DISCOVER First-Year Seminar and DSC 201 Transfer Student Experience are inquiry courses.

The following courses are designated DSINQ and one is required by all majors/programs:

DSC 101	DISCOVER First-Year Seminar *
	OR
DSC 201	Transfer Student Experience Seminar *

Art

FA 213	Painting *
FA 395	Advanced 2-D Studio *
FA 396	Advanced Ceramics and 3-D Studio *
FA 422	Senior Project *

Biology

BIO 151L	General Biology I Lab *
BIO 300	Writing for Science *
BIO 410	Seminar *

Business Administration

MGT 451	Strategic Management *
MGT 489	Senior Business Seminar *
MSC 300	Advanced Business Statistics *

Communication

COMM 209	Contemporary Journalism *
COMM 304	Media Criticism *
COMM 402	Organizational Communication *
COMM 425	Senior Seminar in Communication *

Criminal Justice

CJ 209	The Criminal Justice System *
CJ 304	Applied Research Methods *
CJ 495	Senior Seminar *

Economics

ECO 305	Business and Economics of Sports *
	OR
ECO 330	Managerial Economics *
ECO 431	Contemporary Issues in Economics *
ECO 450	Research Methods in Economics *

Education

ED 301	Foundation of Literacy Development *
MDS 480	Senior Seminar *

English

EN 200	Elements of Literary Study *
EN 208	Digital Approaches to Literature *
EN 240	Introduction to Film and Visual Studies *
	OR
IS 240	Introduction to Film and Visual Studies *
EN 301	The Writing Process: Theory and Practice *
EN 321	Modern Drama *
EN 424	Senior Seminar *
EN 429	Studies in Performance *
EN 490	Major Author(s) *

Fashion Design

AA 265	Fashion Illustration I *
AA 320	Fashion Research and Forecasting *
AA 407	Product Development II *

Fashion Merchandising

AA 320	Fashion Research and Forecasting *
AA 407	Product Development II *

Graphic and Media Design

GMD 202	Illustration I *
GMD 360	Communication and Design Studio *
GMD 404	Performance Media Lab *

Health Sciences

HPR 225	Health Psychology *
HPR 302	Fitness and Health Assessment *
HPR 308	Global Health and Culture *
HPR 415	Applications in Human Performance *
HPR 430	Public Health Senior Seminar *

History

HI 250	Research and Writing *
HI 322	Colonial and Revolutionary America *
HI 420	Senior Seminar *

Honors

HON 101	The Quest: An Introduction to the Honors Program *
HON 400	Research Tutorial: Honors Thesis *

Information Technology

IT 120	Cybersecurity Principles *
IT 205	Computer Technology *
IT 489	Capstone Project *
MSC 300	Advanced Business Statistics *

Interdisciplinary Studies

IS 404	Performance Media Lab *
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Interior Design

ID 204	Foundation Studio III *
ID 306	Practice Studio II *
ID 409	Senior Capstone II *

Liberal Studies

LS 420	Senior Seminar *
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Mathematics

MA 257	Introduction to Number Theory and Proof Techniques *
MA 325	Differential Equations *
MA 420	Abstract Algebra *
MA 425	Introduction to Real Analysis *

Nursing

NU 230	Introduction to Professional Nursing & Scholarship *
NU 400	Health Promotion and Risk Reduction in Communities *
NU 403	Research and Evidence-Based Practice *

Philosophy

PH 325	Ancient Philosophy *
PH 326	Medieval Philosophy *
PH 327	Modern Philosophy *
PH 328	Contemporary Philosophy: 19th-21st Century *

Politics

POL 230	American Policy Process *
POL 250	Research and Writing *
POL 420	Senior Seminar *

Psychology

PSY 260	Learning and Cognition *
PSY 302	Research Design for Psychology *
PSY 497	Senior Seminar *

Sociology

SOC 251	Working for Justice, Working for Change *
SOC 351	Addressing Injustice: Research Methods *
SOC 352	Addressing Injustice: Quantitative Research Methods *
SOC 365	Gender Inequality in Global Perspective *
SOC 495	Senior Practicum *
SOC 497	Community Engagement Experience *

Theology and Religious Studies

TRS 201	Understanding Religion *
TRS 361	Grace and Sin, Heaven and Hell *
TRS 451	Christian Faith in the Modern World *
OR	
TRS 499	Senior Seminar *

Writing Intensive (WI Designation)

Three designated writing-intensive courses are required in addition to the Liberal Arts Core requirement of the Written Communication sequence. The number of required WI courses for transfer students is dependent upon the number of credits needed to complete an undergraduate degree at Marymount at time of entry.

- 36 credits remaining — one WI
- 37-60 credits remaining — two WI
- 61+ credits remaining — three WI

The following courses are designated WI:

AA 320	Fashion Research and Forecasting *
AA 361	Survey of Fashion *
AA 485	Senior Design Research and Development *
ACT 420	Advanced Accounting Topics *
BIO 300	Writing for Science *
BIO 368	Advanced Research Methods *
CJ 304	Applied Research Methods *
CJ 495	Senior Seminar *
COMM 209	Contemporary Journalism *
COMM 304	Media Criticism *
COMM 315	Writing for Digital Media *
ECO 431	Contemporary Issues in Economics *
ECO 450	Research Methods in Economics *
ED 357	Teaching Social Studies and Visual Arts *
EN 200	Elements of Literary Study *
EN 225	Literary Superheroes *
EN 227	Short Fiction *
EN 240	Introduction to Film and Visual Studies *
EN 270	Approaches to Creative Writing *
EN 301	The Writing Process: Theory and Practice *
EN 303	Literary Nonfiction *
EN 308	Style and Revision *
EN 321	Modern Drama *
EN 340	Major Women Writers *
EN 345	Ethnic Literary Traditions *
EN 350	The American Dream *
EN 424	Senior Seminar *
EN 426	Studies in the Novel *
EN 429	Studies in Performance *
EN 490	Major Author(s) *
FA 380	Movements in Modern Art *
FA 410	Topics in Art History *
FIN 400	Senior Seminar in Finance *
GMD 301	History of Graphic Design *
HI 250	Research and Writing *
HI 322	Colonial and Revolutionary America *
HI 365	Medieval Europe *
HI 370	History of Christianity in Medieval Europe *
HI 375	The Renaissance and the Reformation *
HI 420	Senior Seminar *
HON 399	Research Tutorial: Thesis Proposal *
HPR 301	Health/Fitness Program Management *
HPR 415	Applications in Human Performance *
HPR 430	Public Health Senior Seminar *
ID 408	Senior Capstone I *
ID 434	Business Procedures *
ID 435	Professional Development *
ID 454	Historic Preservation *
IS 200	Approaches to Gender and Society *

IS 240	Introduction to Film and Visual Studies *
IT 210	Software Engineering *
IT 355	Software Testing, Documentation, and Quality Assurance *
IT 489	Capstone Project *
LS 300	Liberal Studies Readings and Portfolio Development *
LS 420	Senior Seminar *
MA 420	Abstract Algebra *
MA 425	Introduction to Real Analysis *
MDS 480	Senior Seminar *
MGT 291	Business Communication *
MGT 304	Organizational Management
MGT 451	Strategic Management *
MKT 204	Sustainable Marketing *
NU 230	Introduction to Professional Nursing & Scholarship *
NU 234	Promoting Health Across the Life Span *
NU 425	Nursing Capstone *
PH 330	Philosophy of Mind *
PH 345	Philosophy of Religion *
PH 355	Existentialism and Phenomenology *
PH 360	Philosophy and Literature *
PH 365	Asian Philosophy *
PH 370	Philosophy of Art *
PH 422	Senior Seminar *
POL 250	Research and Writing *
POL 380	Politics of Latin America *
POL 381	Politics of Sub-Saharan Africa *
POL 382	Politics of Western Europe *
POL 385	Politics of South Asia *
POL 386	Politics of East Asia *
POL 420	Senior Seminar *
PSY 311	Early Childhood Development *
PSY 330	Counseling Theories and Process *
PSY 363	Abnormal Primate Psychology *
PSY 497	Senior Seminar *
SOC 204	Cultural Diversity *
SOC 261	Through the Sociological Lens I *
SOC 361	Through the Sociological Lens II *
SOC 365	Gender Inequality in Global Perspective *
SOC 495	Senior Practicum *
TRS 361	Grace and Sin, Heaven and Hell *
TRS 362	Friendship, Marriage, and God *
TRS 380	The History of the Early Church *
TRS 381	Medieval and Reformed Theology *
TRS 499	Senior Seminar *

Liberal Arts Core Requirements

*In the course lists throughout this catalog, courses meeting Liberal Arts Core requirements are designated with *.*

Humanities*12 credits*

Introductory college-level courses are required in history and literature. Students also select two courses in two different fields from designated fine arts, advanced history, or advanced literature courses.

Introductory History (HI-1 Designation)*One course from the following is required:*

HI 103	Western Civilization I *
HI 104	Western Civilization II *
HI 110	History of the United States to 1877 *
HI 111	History of the United States since 1877 *
HI 114	Introduction to World History *

Introductory Literature (LT-1 Designation)*One course from the following is required:*

EN 201	World Literature: The Ancient World *
EN 202	World Literature: The Middle Ages *
EN 203	World Literature: Renaissance through Enlightenment *
EN 204	World Literature: Romanticism through Post-Modernism *
EN 205	American Literature I *
EN 206	American Literature II *
EN 207	Theater History *
EN 208	Digital Approaches to Literature *
EN 220	The Movie or the Book? Narrative Adaptation in the Cinema *
EN 225	Literary Superheroes *
EN 227	Short Fiction *
EN 230	American Multicultural Literature *
EN 240	Introduction to Film and Visual Studies *
FR 305	Topics in French Literature *
IS 220	The Movie or the Book? Narrative Adaptation in the Cinema *
IS 240	Introduction to Film and Visual Studies *
SP 305	Topics in Spanish and Latin American Literature *

Fine Arts, Advanced History with a prerequisite, Advanced Literature with a prerequisite (FNA, HI-2, or LT-2 Designation)*Two courses in two different fields from the following are required:*

EN 321	Modern Drama *
EN 322	19th Century British Literature: Self, Community, and the World *
EN 330	Chaucer and the Courtly Love Tradition *
EN 340	Major Women Writers *
EN 345	Ethnic Literary Traditions *

EN 350	The American Dream *
EN 351	Literature of Childhood and Adolescence *
EN 355	Shakespeare *
EN 357	Topics in Literature Before 1800 *
EN 426	Studies in the Novel *
EN 428	Studies in Contemporary Literature *
EN 429	Studies in Performance *
EN 490	Major Author(s) *
FA 104	Color Theory *
FA 105	Drawing I *
FA 107	Hand-Built Ceramics *
FA 121	Music History I *
FA 122	Music History II *
FA 150	History of Jazz *
FA 161	Dance Appreciation *
FA 165	Beginning Modern Dance *
FA 170	Beginning Jazz Dance *
FA 201	Introduction to Art History: Ancient to Medieval *
FA 202	Introduction to Art History: Renaissance to Modern *
FA 211	Printmaking *
FA 213	Painting *
FA 215	Wheel-Thrown Ceramics *
FA 380	Movements in Modern Art *
FA 410	Topics in Art History *
HI 304	History of the British Isles: Iron Age to 1603 *
HI 310	Modern European History: 1815-1914 *
HI 311	Modern European History: 1914 to the Present *
HI 322	Colonial and Revolutionary America *
HI 323	The Early National Period and the Jacksonian Era *
HI 324	The Frontier *
HI 327	Virginia and the Old South *
HI 334	America and the World Wars *
HI 339	Ethnicity and Immigration *
HI 341	African Americans Since 1865 *
HI 342	The Old West in American Memory *
HI 345	The Gilded Age and the Progressive Era *
HI 350	Modern United States History *
HI 365	Medieval Europe *
HI 370	History of Christianity in Medieval Europe *
HI 375	The Renaissance and the Reformation *
HPR 170	Beginning Jazz Dance *

Mathematics and Sciences

19 credits

College-level courses are required in mathematics, natural science, and social science. Four fields — economics, politics, psychology, and sociology — constitute the social sciences, and requirements vary depending upon the degree being sought.

Mathematics (MT Designation)

One course from the following is required. Credits from MA 019W, MA 029W, MA 094, and MA 095 may not be applied toward any degree.

MA 119	Math for Liberal Arts with Quantitative Reasoning Workshop *
MA 121	Math for Liberal Arts *
MA 124	History of Mathematics *
MA 127	Applied Geometry *
MA 129	Statistical Analysis with Quantitative Reasoning Review for Statistics
MA 132	Statistical Analysis *
MA 151	Mathematical Methods for Business *
MA 171	Calculus with Precalculus A *
MA 181	Calculus *
MA 200	Calculus of the Infinite *
MA 218	Probability and Statistics *
MA 260	Discrete Mathematics for Information Technology *

Natural Science (NS Designation)

At least one course with laboratory from the following is required. Some students have the option of completing a second Natural Science (NS) course, lab optional, or a third Introductory Social Science (SS-1) course.

ASTR 101	Astronomy *
BIO 110	Introduction to Environmental Science *
BIO 111	Human Genetics for Non-Majors *
BIO 120	Introduction to the Biological World *
BIO 127	Introduction to Marine Biology and Tropical Ecology *
BIO 151	General Biology I *
BIO 152	General Biology II *
BIO 161	Anatomy and Physiology I *
BIO 162	Anatomy and Physiology II *
BIO 262	Genetics for Majors *
BIO 327	Introduction to Marine Biology and Tropical Ecology *
CHM 110	Science of Light and Color *
CHM 125	Life Chemistry *
CHM 151	Principles of Chemistry I *
CHM 152	Principles of Chemistry II *

GEOL 102	Principles of Geology *
PSC 103	Introduction to the Physical Sciences *
PHYS 161	College Physics I *
PHYS 162	College Physics II *
PHYS 271	General Physics I *
PHYS 272	General Physics II *

Introductory Social Science (SS-1 Designation)

The following requirements apply to all students, except those completing a Bachelor of Business Administration (B.B.A.):

Two introductory courses in two different fields are required; students must also select between one more of the following courses or a second Natural Science (NS) course, lab optional.

B.B.A. students: ECO 210; ECO 211; and one Introductory Social Science (SS-1) course from politics, psychology, or sociology are required.

ECO 210	Principles of Microeconomics *
ECO 211	Principles of Macroeconomics *
POL 102	International Relations *
POL 103	Comparative Politics *
POL 104	American Government *
PSY 101	General Psychology *
PSY 110	Human Growth and Development *
SOC 121	Principles of Sociology *
SOC 131	Principles of Sociology in Global Perspective *
SOC 200	Law and Society in Global Perspective *
SOC 203	The Global Village *
SOC 204	Cultural Diversity *
SOC 251	Working for Justice, Working for Change *
SOC 261	Through the Sociological Lens I *

Advanced Social Science (SS-2 Designation)

All students, except B.B.A. students, select one Advanced Social Science (SS-2) course with a prerequisite from the following.

B.B.A. students select an Advanced Social Science (SS-2) or second Natural Science (NS) course, lab optional.

CJ 305	Criminology *
ECO 304	Environmental Economics *
ECO 305	Business and Economics of Sports *
ECO 310	Intermediate Microeconomics
ECO 311	Intermediate Macroeconomics
ECO 332	Money and Banking *
ECO 350	Economics of Poverty *
ECO 353	Law and Economics *

ECO 363	Behavioral Economics *
ECO 431	Contemporary Issues in Economics *
HPR 406	Stress Management *
POL 230	American Policy Process *
POL 231	Media and Politics *
POL 240	Global Security *
POL 241	Global Political Economy *
POL 300	State and Urban Politics *
POL 307	Race and Politics *
POL 310	Political Parties and Interest Groups *
POL 315	The Presidency *
POL 320	The Congress *
POL 325	Voting Behavior
POL 330	Judicial Politics *
POL 375	Politics of Environmental Issues *
POL 380	Politics of Latin America *
POL 381	Politics of Sub-Saharan Africa *
POL 382	Politics of Western Europe *
POL 385	Politics of South Asia *
POL 386	Politics of East Asia *
POL 388	Politics of North America *
PSY 230	Abnormal Psychology *
PSY 311	Early Childhood Development *
PSY 313	Adulthood and Aging *
PSY 321	Psychology of Gender *
PSY 325	Cultural Psychology *
PSY 333	Abnormal Child and Adolescent Psychology *
PSY 341	Psychology of Individuals with Exceptionalities *
PSY 363	Abnormal Primate Psychology *
SOC 222	Race and Ethnic Diversity *
SOC 306	Poverty, Wealth, and Inequality *
SOC 350	Social Justice *
SOC 351	Addressing Injustice: Research Methods *
SOC 352	Addressing Injustice: Quantitative Research Methods *
SOC 361	Through the Sociological Lens II *
SOC 365	Gender Inequality in Global Perspective *
SOC 375	Topics in Human Rights *
SOC 385	Global Inequality and Community Development *
SOC 395	Cities in the 21st Century

Philosophy/Theology and Religious Studies, including moral principles courses

12 credits

All students take introductory and advanced courses in philosophy and in theology/religious studies. When choosing courses from the advanced sequence, one course must be a designated moral principles course. If

a student chooses an Advanced Philosophy (PH-2) course, the other course must be chosen from the Theological Ethics (TRS-E) courses. If a student chooses an Advanced Theology/Religious Studies (TRS-2) course, the other course must be chosen from the Philosophical Ethics (PH-E) courses.

Introductory Philosophy (PH-1 Designation)

All students take the following course:

PH 100	Introduction to Philosophy *
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Advanced Philosophy (PH-2 Designation)

To be chosen by students who have taken, or will take, a Theological Ethics course (TRS-E):

PH 215	Knowledge, Truth, and Reality *
PH 250	Philosophy of Science *
PH 300	Modern Logic *
PH 325	Ancient Philosophy *
PH 326	Medieval Philosophy *
PH 327	Modern Philosophy *
PH 328	Contemporary Philosophy: 19th-21st Century *
PH 330	Philosophy of Mind *
PH 345	Philosophy of Religion *
PH 355	Existentialism and Phenomenology *
PH 360	Philosophy and Literature *
PH 365	Asian Philosophy *
PH 370	Philosophy of Art *

Philosophical Ethics (PH-E moral principles Designation)

To be chosen by students who have taken, or will take, an Advanced Theology/Religious Studies (TRS-2) course:

PH 301	Social and Political Philosophy *
PH 303	Animals, the Environment, and Ethics *
PH 305	Business Ethics *
PH 307	Philosophy of Law *
PH 309	Ethical Theory *
PH 311	Biomedical Ethics *
PH 313	Cyberethics *

Introductory Theology (TRS-1 Designation)

All students take the following course:

TRS 100	Theological Inquiry *
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Advanced Theology/Religious Studies (TRS-2 Designation)

To be chosen by students who have taken, or will take, a Philosophical Ethics course (PH-E):

TRS 201	Understanding Religion *
TRS 202	Religions of the World *
TRS 251	The Religion of the Old Testament *
TRS 260	The New Testament Gospels *
TRS 261	The New Testament Epistles *
TRS 270	Christ in Christianity *
TRS 271	The Christian God: One and Three *
TRS 272	The Mystery of the Church *
TRS 273	Sacraments in Christian Theology *
TRS 280	Faith & Doubt in Christian Theology *
TRS 320	American Religious History *
TRS 325	Religious Approaches to Death *
TRS 330	Religious Journeys of Young Adults *
TRS 361	Grace and Sin, Heaven and Hell *
TRS 362	Friendship, Marriage, and God *
TRS 370	The Bible as Literature *
TRS 380	The History of the Early Church *
TRS 381	Medieval and Reformed Theology *
TRS 382	The Church in the Modern World *

Theological Ethics (TRS-E moral principles Designation)

One course to be chosen by students who have taken, or will take, an Advanced Philosophy (PH-2) course:

TRS 351	Christian Ethics in the Contemporary World *
TRS 352	Catholic Health Care Ethics *
TRS 353	Faith, Justice, and Public Life *

Written Communication

6 credits

Written Communication (WR Designation)

All students take the following two courses:

EN 101	Composition I *
EN 102	Composition II *

Academic Opportunities

Undergraduate Pre-Professional Studies

Pre-Law Studies and Advising

Students who plan to pursue a law degree after graduation should contact their academic advisor and the pre-law advisor. The pre-law advisor will help with selecting courses, researching law schools, applying to law schools, and preparing for the LSATs.

In general, to be a successful law school candidate, a student must achieve good grades in challenging courses, develop excellent writing skills, demonstrate analytical ability, and be involved in one's community, especially in leadership positions. Required LSAT scores vary by school.

Marymount University has a direct entry affiliation agreement with Catholic University's Columbus School of Law. This enables qualified third-year Marymount students in designated majors to be admitted to the first year of law school during their senior year at Marymount. Students in these designated majors (communications, criminal justice, economics, English, politics, and sociology) who are interested in direct entry to the Columbus School of Law after their junior year at Marymount should discuss the 3+3 partnership with their major advisor as soon as they become interested. The advisor will guide students through the selection of Marymount courses and refer them to the Office of Admissions of the Columbus School of Law as potential applicants. Qualified students may receive credit from both Marymount and Catholic University for a maximum of 29 credits taken at the Columbus School of Law. For students to be eligible to apply to the Columbus School of Law through this program, they must meet the following criteria:

- complete at least three years of coursework
- earn a minimum cumulative GPA of 3.6 by the end of the third (junior) year
- score above the 66th percentile on the LSAT
- remain in good academic and disciplinary standing
- meet all of the fitness, character, and other criteria for admission required by the Office of Admission of the Columbus School of Law

Qualified graduating seniors who have earned a minimum cumulative GPA of 3.5 by the end of the fourth (senior) year may also apply for direct entry but

will not receive Marymount credit for Columbus School of Law courses.

For additional information, refer to the following sections of the catalog: communications (p. 106), economics (p. 81), criminal justice (p. 177), English (p. 109), politics (p. 137), and sociology (p. 198).

Pre-Medicine Studies and Advising

Students who plan to pursue a medical degree after graduation for a career in medicine should contact the School of Sciences, Mathematics, and Education and the pre-med advisor. The pre-med advisor will help with selecting courses, researching medical schools, completing the medical school application process, and preparing for the MCATs.

Although medical schools do not require specific degrees as prerequisites for admission, most require strong academic performance in specific courses. The courses most often required include General Biology I and II, Principles of Chemistry I and II, Organic Chemistry I and II, General Physics I and II, Calculus I, and General Psychology. For Marymount students who choose to major in biology, a pre-med track is offered. See biology and physical sciences (p. 1599) for more information on Marymount's program. To be a successful medical school applicant, a student must also demonstrate an understanding of the medical profession through work or volunteer activities. Required MCAT scores vary by school.

At Marymount, students considering professional study in health fields usually consider biology as an undergraduate major, but pre-professional requirements can be met through a variety of undergraduate fields. Students should consider majoring in the subject area in which they have the strongest aptitude and interest. Acceptance into health-related professional schools is highly competitive and requires the maintenance of a fairly high undergraduate grade point average. The pre-med advisor can help design the best possible course sequence for all students interested in a pre-med curriculum regardless of their major.

Pre-Physical Therapy Studies and Advising

Students will have access to a pre-physical therapy advisor from the Department of Physical Therapy in addition to their degree major advisor. See pre-physical therapy (p. 158) for more information. Students may

also minor in pre-physical therapy through the School of Sciences, Mathematics, and Education. See pre-physical therapy minor requirements (p. 175) for further information.

Pre-Chiropractic Studies and Advising

Students will have a pre-chiropractic studies advisor in the School of Sciences, Mathematics, and Education in addition to their degree advisor. See pre-chiropractic studies (p. 172) for more information.

Pre-Dentistry Studies and Advising

Students will have a pre-dentistry studies advisor in the School of Sciences, Mathematics, and Education in addition to their degree advisor. See pre-dentistry studies (p. 172) for more information.

Pre-Occupational Therapy Studies and Advising

Students will have a pre-occupational therapy studies advisor in the School of Sciences, Mathematics, and Education in addition to their degree advisor. See pre-occupational studies (p. 173) for more information.

Pre-Ophthalmology Studies and Advising

Students will have a pre-ophthalmology studies advisor in the School of Sciences, Mathematics, and Education in addition to their degree advisor. See pre-ophthalmology studies (p. 173) for more information.

Pre-Osteopathic Medicine Studies and Advising

Students will have a pre-osteopathic medicine studies advisor in the School of Sciences, Mathematics, and Education in addition to their degree advisor. See pre-osteopathic medicine studies (p. 174) for more information.

Pre-Pharmacy Studies and Advising

Students will have a pre-pharmacy studies advisor in the School of Sciences, Mathematics, and Education in addition to their degree advisor. See pre-pharmacy studies (p. 174) for more information.

Pre-Physician Assistant Studies and Advising

Students will have a pre-physician assistant studies advisor in the School of Sciences, Mathematics, and Education in addition to their degree advisor. See pre-physician assistant studies (p. 175) for more information.

Pre-Podiatry Studies and Advising

Students will have a pre-podiatry studies advisor in the School of Sciences, Mathematics, and Education in addition to their degree advisor. See pre-podiatry studies (p. 176) for more information.

Pre-Veterinary Medicine Studies and Advising

Students will have a pre-veterinary medicine studies advisor in the School of Sciences, Mathematics, and Education in addition to their degree advisor. See pre-veterinary medicine studies (p. 176) for more information.

Student Research — DISCOVER

DISCOVER promotes undergraduate research and creativity throughout the academic programs of the university. Research and creative work with a faculty mentor provide undergraduates with a unique opportunity to apply course knowledge in their areas of interest and explore careers.

DISCOVER helps match students with faculty mentors; coordinates a summer research program for undergraduate students and faculty mentors; and sponsors the annual Student Research Conference, which showcases undergraduate and graduate student work. The program office is located in the Center for Teaching and Learning.

More information can be found on the [DISCOVER pages](#) on the university website.

Honors Program

The Honors Program offers courses in a wide range of disciplines, emphasizing academic rigor and pedagogical creativity. The Honors Program encourages academic independence in its students by emphasizing inquiry, self-direction, and self-regulation in all academic endeavors. The program celebrates an interdisciplinary approach to learning. Through tutorials and seminars, honors students are challenged to synthesize information across disciplines, developing a broad awareness of knowledge connectedness. Honors students are challenged to apply the knowledge and skills gained in the classroom in ways that provide stewardship and service to the Marymount community, the surrounding DC community, and the environment. The Honors Program, through its academic and extracurricular programs, encourages initiative,

responsibility, integrity, and collaboration among its students.

Honors students must fulfill all program requirements, maintain a minimum GPA of 3.5, and participate in Honors Program events and activities to maintain program benefits. Participants must earn at least a B in each honors course.

Faculty from honors students' respective majors will provide primary academic advising. The honors director will provide additional advising specific to the honors curriculum.

Curriculum Overview

Students in the Honors Program are required to earn at least 24 credits of honors coursework. Typically, students are expected to earn all honors credits while enrolled at Marymount. The curriculum is designed so that each incoming first-year student in the Honors Program completes one honors course (three credits) per semester to successfully achieve the 24-credit-hour requirement. Students admitted to the Honors Program after the first semester will be expected to take more than one honors course per semester in some instances to successfully complete the 24-credit-hour requirement. Students are permitted to enroll in a maximum of two honors courses per semester.

- HON 101 The Quest: An Introduction to the Honors Program (3 credits)
- Advanced Honors Seminars (9 credits)
- Honors Tutorials: one Traditional (HON 200) and one Advanced (HON 300) (6 credits)
- HON 399 Research Tutorial: Thesis Proposal (3 credits)
- Honors thesis completed within the discipline's senior seminar or HON 400 (3 credits)

Typical Timeline

Year One — Fall

HON 101	The Quest: An Introduction to the Honors Program *
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Year One — Spring

First Advanced Seminar

Year Two — Fall

HON 200	Traditional Tutorial
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Year Two — Spring

Second Advanced Seminar

Year Three — Fall

HON 300	Advanced Tutorial
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Year Three — Spring

HON 399	Research Tutorial: Thesis Proposal *
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Year Four — Fall

HON 400	Research Tutorial: Honors Thesis *
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Year Four — Spring

Third Advanced Seminar and Thesis Defense

The Curriculum

HON 101 The Quest: An Introduction to the Honors Program:

This seminar is devoted to introducing first-year honors students to the Honors Program, as well as various forms of scholarship, and the skills necessary for academic inquiry (i.e., “The Quest” for knowledge). Students participate in a variety of experiential learning activities, learn how to lead and participate in group discussion, conduct research, write, and present a traditional undergraduate research paper. Honors students take this course to fulfill EN 101 and the DSC 101 University Requirements.

Advanced Honors Seminars: At least three courses (nine credits) must be completed in advanced Honors Seminars. The Honors Seminars, typically 12 to 15 students, are taught by select faculty who are encouraged to construct innovative and rigorous courses for the benefit of honors students. These credits may be fulfilled in honors-designated sections of the Liberal Arts Core courses, in graduate seminars (with instructor’s permission), and in courses created by Marymount faculty especially for the Honors Program. This approach provides breadth in the honors curriculum while simultaneously allowing students to earn honors credits in specific interest areas and majors.

Liberal Arts Core Honors classes: Students may choose to take Advanced Honors Seminars that satisfy the university’s Liberal Arts Core requirements. Honors sections of these courses, developed and offered by individual professors and departments, will present a greater challenge to those enrolled. On rare occasions, these honors sections will be open to students outside the program with approval from the honors director and the instructor. Past examples include TRS 100, PH 301, PSY 311, and HI 203.

Honors Seminars: Qualified Marymount faculty are specifically recruited by the director to develop new and innovative undergraduate seminars for honors students. These courses demonstrate pedagogical creativity as well as academic rigor.

Graduate Courses: Honors students may petition to take a graduate course for honors credit. They will need approval of the instructor, the department chair, and the director. This is normally done during the junior or senior year and is especially encouraged for students who intend to pursue graduate study in a particular field. Please see the university’s *Graduate Catalog* for available courses.

Course overload: Honors students may petition to take up to two credit hours above the standard maximum of 18 credit hours of academic coursework in a given semester without incurring an overage charge. Students will need approval of their advisor and the director.

HON 200/HON 300 Traditional and Advanced Tutorials:

Honors Tutorials begin in the student’s sophomore year. There are two types: the Traditional Tutorial and the Research Tutorial. The traditional undergraduate tutorial, developed in the Middle Ages at Oxford and Cambridge, is an intimate and intense learning experience. Traditional Tutorials consist of one to two students meeting once a week over a nine-week period with a professor on a specialized topic. The topic need not be in the student’s major. During each one- to two-hour meeting, students are expected to have completed readings from an agreed-upon list and to have produced a short response paper; students will read the paper and receive feedback on it. At the end of the semester, students are required to produce a traditional research paper and an annotated bibliography.

HON 399 Research Tutorial: Thesis Proposal: The Research Tutorial: Thesis Proposal, normally taken the second semester of the junior year, is conducted one-on-one with the student’s identified faculty mentor and must be focused on the topic of the student’s Senior Honors Thesis. Each student will work with a mentor on a scholarly research project. At the end of the semester, the student is required to submit a research proposal, approved by the faculty mentor, to the honors director for review. Once the proposal is approved and, if necessary, revised, the student may then commence the research for the Senior Honors Thesis (HON 400). At the end of this tutorial and during the senior year, the student will produce and defend their Senior Honors Thesis. As HON 399 is a writing-intensive (WI) course, the proposal must be at least 15 pages in length.

HON 400 Research Tutorial: Honors Thesis: Honors students, during their senior year, will work with a faculty mentor on their thesis. With permission from their department chair and the honors director, honors students may conduct their approved thesis in their major’s “capstone” course, which will substitute for HON 400. Successful completion of the thesis is required to graduate with Honors.

Thesis Defense: The Senior Honors Thesis will typically be 30+ pages, exclusive of the scholarly apparatus, or 15+ pages for papers that accompany creative/design projects. All honors students are required to present and defend their theses before a

committee consisting of the thesis advisor, a second reader, and the honors director or the director's designee. This normally occurs during the spring semester of the senior year or during the student's last semester at the university. Thesis defenses are open to the entire university community and take place each spring. Student theses are archived on the [Library and Learning Services](#) website.

Oxford Summer Study Program

The Honors Program's mix of seminars, tutorials, and lectures fits the intimate educational environment of Marymount, pays tribute to the liberal arts tradition of Oxford and Cambridge, and prepares Marymount honors students for graduate and professional school. To reinforce these aims and to provide a global perspective for honors students, the program offers 10 tuition scholarships to students every other summer for a six-week study tour at the University of Oxford. Students take a total of six academic credits: three credits with a Marymount faculty member in an Advanced Honors Seminar and three credits with an Oxford faculty member in a Traditional or Advanced Tutorial (HON 200/300). They also travel on sponsored trips to London, Stratford, Windsor, and other British sites. Some Marymount students choose to spend an entire semester abroad studying at Oxford or schools throughout Europe and Asia.

Contact the Honors Program director or director of the Center for Global Education for further information.

Global Scholars Program

The Global Scholars Program challenges Marymount students to consider the various ways in which their everyday lives are shaped by social, intellectual, and cultural connections to people and locales across the globe. These connections are cultivated through coursework focused on learning experiences that prioritize global awareness, hands-on research activities, and leadership and service opportunities. The Global Scholars Program encourages Marymount students to see themselves as individuals who are embedded in local or national communities while also being active and engaged global citizens.

Diversity of experiences, interests, and perspectives is one of the core strengths of the Global Scholars Program. This means Marymount students who have found their intellectual homes in the sciences, the humanities, the arts or any of the many professional programs offered at Marymount, such as nursing, criminal justice, or business, are encouraged to apply to

become Global Scholars. The experiences of all students, regardless of their field of study, enriches the program and, in turn, students are able to learn from each other's diverse experiences and fields. The Global Scholars Program creates an academic environment wherein students are encouraged to pursue their curiosity about the world, leverage global issues to understand their own experiences in new ways, and engage in transformative opportunities.

Global Scholars will have the opportunity to develop one-on-one working relationships with faculty research mentors and assist with research projects with a global impact in their chosen areas of study. Faculty from the student's major will provide primary academic advising for Global Scholars, and the Global Scholars Program director will provide additional advising.

Upon graduation, transcripts of students who have successfully completed the program requirements will carry the "Global Scholar" designation. Global Scholars must fulfill all program requirements and maintain a minimum overall GPA of 3.0.

Program Requirements

The Global Scholars Program has three distinct components: coursework, inquiry-guided learning/research, and leadership activities.

Coursework

First-Year Seminar section with a global theme (3 credits)

DSC 101	DISCOVER First-Year Seminar *
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The section must be approved by the Global Scholars Program director.

Three upper-level courses (9 credits)

These courses are to span the disciplines that meet the university Global Perspective requirement and must be approved by the Global Scholars Program director.

Four one-credit colloquium courses (4 credits)

GSP 102	Local to Global
GSP 201	Global Leadership
GSP 301	Reading the World
GSP 302	Exploring Global Careers

Research

GSP 433	Research *
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In addition, Global Scholars must show a level of skill in a nonnative modern language equivalent to successful completion of a second-semester, college-level language course. There are two different ways to meet this requirement:

- Complete six credits of college-level foreign language coursework at the elementary level, which may include courses combining language and culture, or complete three credits of college-level foreign language coursework at the intermediate level. AP, IB, and CLEP equivalencies are accepted.
- Receive a waiver from the Global Scholars Program director. Waivers will be granted when a student can demonstrate knowledge of a language equivalent to two semesters of college-level work, typically in a proctored exam.

Inquiry-Guided Learning/Research

Global Scholars will select an area of global inquiry/research from a list of potential inquiry areas. The list will be based on projects underway by participating faculty sponsors or community organizations that are interested in working with student researchers. Each Global Scholar will be matched with a sponsor based on the scholar's inquiry request.

In addition, Global Scholars are required to enhance coursework and inquiry through participation in any two of the following opportunities:

- an internship with a global focus, approved by the program director
- study abroad coursework
- an independent study or project that uses second-language proficiency
- a service-learning project with a global focus that can be done locally or internationally (The Center for Global Education works with faculty to develop study abroad opportunities that include a service-learning component.)

Leadership

Global Scholars will demonstrate leadership by completing an approved on- or off-campus activity.

Study Abroad

Marymount's Center for Global Education administers, supports, and coordinates all university programs that take place outside the United States.

In today's international world, study abroad contributes meaningfully to a liberal arts education. When combined with practical experience such as an internship, its value is even greater. Individuals studying abroad integrate into the daily life of the host country and its people.

Semester Programs

Marymount University's Center for Global Education helps students from a variety of majors study around the globe to enrich their academic experience.

One program is sponsored by Marymount; others are hosted by other institutions but facilitated by Marymount's Center for Global Education.

Marymount's Rome Program is sponsored by the university and is offered in partnership with the American University of Rome. Students can enroll for the fall, spring, or summer semester. Qualified second-semester sophomores, juniors, and first-semester seniors are eligible. The fall and spring semester programs require full-time enrollment for 12-15 credits; students enroll for six credits in the summer. Students in both the semester and summer programs receive direct Marymount credit.

Semester programs hosted by other institutions are available to Marymount students who wish to study in locations including Africa, Australia, Austria, Central and South America, China, France, Ireland, Italy, Japan, the Middle East, Spain, and more. Some of these programs are available for summer study as well. Students in these programs receive Marymount transfer credit.

Students who are in the education licensure program have the opportunity to complete seven weeks of the student-teaching experience abroad in such places as New Zealand and Italy. As part of the education department's study abroad program, students have been to Uganda, Panama, and Costa Rica. The Center for Global Education can also help students who seek alternative study abroad options meet specific academic or professional goals. Such programs are typically sponsored by other universities or agencies.

All students who participate in study abroad programs must receive prior approval from their advisor, the dean of the school offering their major, and the Center for Global Education. To receive credit for any study abroad program, students must complete a course approval form before departure. These forms are available in the Center for Global Education. (Students in the Rome Program or short-term Marymount-sponsored programs do not need to complete this form because they receive direct Marymount credit.)

Full details about cost, the program's calendar, academic criteria, and admission requirements, including deadlines for applications, can be found

online. All costs are subject to change, based on fluctuating international currency exchange rates.

More information about all of these opportunities is available through the Center for Global Education and on the study abroad pages of the Marymount University website. Visit www.marymount.edu and search for "study abroad."

Marymount Short-Term Programs

Periodically, short-term, faculty-led study abroad programs sponsored by Marymount University are available to undergraduate and graduate students. Past programs have included a marine biology and a community health nursing program in Belize, an art and architecture study tour in Italy, a study of operations and management in Belgium, and a forensic psychology program in London.

Students in these programs typically receive direct Marymount credit.

Marymount's Center for Global Education can provide additional information about these programs and the criteria for enrollment. The study abroad pages of the university website provide additional information about such programs as well. Visit www.marymount.edu and search for "study abroad."

Transferring Study Abroad Credit

All coursework taken through study abroad programs will be processed as transfer credit toward a Marymount degree, provided all courses are approved by a faculty member and the student meets the university's requirements for transfer credit. (This does not apply to credits earned through the Rome Program or Marymount-sponsored short-term programs; these students receive direct Marymount credit.)

In accordance with the university regulations on post-admission transfer credit, undergraduate students are eligible to transfer no more than 15 credits from either a fall or spring semester abroad or no more than a total of 30 credits from an academic year abroad, since this is the full-time course load for undergraduate study and the amount of credit that might be earned in a similar period at Marymount.

The student must earn a grade of C or better to receive transfer credit. Further, grades will not transfer to Marymount nor will they be factored into the student's GPA. Credits transferred from study abroad programs will not count toward the university's 36-credit minimum residency requirement and will not count

toward the 60-credit requirement for eligibility for Graduation Honors.

Students studying abroad in programs not sponsored by Marymount should consult the Center for Global Education to learn if they must also maintain Continuous Registration at Marymount. Those who must maintain Continuous Registration but fail to do so will be considered separated from the university. See Continuous Registration (p. 40) for details.

Service Learning (SL Course Designation)

Marymount University's mission, consistent with its Catholic identity and the traditions of the Religious of the Sacred Heart of Mary, emphasizes service to others. This commitment to service is expressed in the classroom through service learning. Service learning is a pedagogical method in which classroom learning and service to a community partner are integrated. In a service learning course, students are expected to draw upon their classroom learning to help meet the needs of a community partner, and in turn this service experience enhances students' classroom learning.

Marymount students engage in service in a number of ways, including through classroom projects, but certain courses are designated as Service Learning (SL) because the service learning pedagogy is central to the course. This designation helps the university ensure that best practices for community partnerships are being met and provides faculty and students with clear expectations for the course. Courses designated as SL must meet a number of criteria:

- Students engage in an experiential service project.
- The service project is performed on behalf of or in collaboration with one or more community partners.
- The desired goal of the service project is defined primarily by the community partner(s), and the community partner(s) are able to give feedback on the project both during and after its completion.
- Service projects are a pedagogical tool for achieving the learning outcomes of the course.
- The course includes at least two learning outcomes specifically linked to service learning.
- Students must devote at least 20 hours, or approximately 20 percent of students' total time, to out-of-class coursework, service project(s), and related assignments in a three-credit course.

- The course must include assignments in which students critically reflect on their service experience in light of course content.
- Students are assessed on their service learning experience, both in terms of the course's learning outcomes and outcomes specific to service learning.

Undergraduate courses currently designated as SL include:

- NU 339 Global Service Learning
- TRS 351 Christian Ethics in the Contemporary World
- TRS 353 Faith, Justice, and Public Life

Consortium of Universities of the Washington Metropolitan Area

Marymount University is a member of the Consortium of Universities of the Washington Metropolitan Area. Eligible students from Marymount may take approved courses at member institutions. A list of all members can be found at www.consortium.org.

Students wishing to enroll in a course offered through the consortium must select one that is acceptable to both Marymount University and the visited institution. See Students Enrolling at Consortium Institutions (p. 41) under Registration for further information about consortium student registration requirements.

Enrollment procedures may be found under the Consortium Information section of the Marymount [Office of the Registrar](#) website.

Virginia Foundation for Independent Colleges (VFIC)

Marymount University is a member of the Virginia Foundation for Independent Colleges (VFIC). Eligible Marymount students may take approved synchronous online language courses from VFIC institutions.

For more information on enrollment procedures, visit the consortium information section on the [Office of the Registrar](#) website.

Military Science-Army/Air Force ROTC Program

ROTC, in conjunction with Marymount University, prepares students for careers as officers with the United States Army and the United States Air Force. Fields of military specialization include, but are not limited to, nursing, military intelligence, engineering, infantry, and

military police. ROTC's purpose is to instill leadership techniques and principles.

As a part of the consortium of local universities, Marymount's Army ROTC is taught at George Mason University and Marymount's Air Force ROTC is taught at Howard University. Registration must be completed through Marymount's Office of the Registrar. Students are allowed to take more than two ROTC courses through the consortium. For more information regarding ROTC at Marymount, please contact Marymount University's Office of Admission. Information about the Army ROTC program is also available at arotc.gmu.edu and information about the Air Force ROTC program is also available at airforce.howard.edu.

Undergraduate Programs

School of Business and Technology

Interim Dean: Mr. Jonathan Aberman

Drawing upon the resources of its unique location, the School of Business and Technology follows its mission to educate and prepare students to become ethical business professionals who think critically and communicate effectively in a diverse, dynamic and global environment.

At the undergraduate level, the school offers degree programs in business administration, economics, and information technology. At the graduate level, students may pursue degrees in business administration, cybersecurity, health care management, human resource management, information technology, and leadership and management.

Marymount's premiere location near the nation's capital allows the university to work with senior officers of various multinational corporations and government agencies who serve as executives-in-residence for undergraduate and graduate business degree programs. These executives assist the faculty by acting as technical and teaching resources. They also serve as mentors for students by providing information for career planning.

As affirmation of its mission, the school commits to the students

- a quality undergraduate education combining a foundation in the liberal arts with a professional education that provides a sound knowledge base, basic analytical skills, and solid values for successful career preparation;
- a quality graduate education that increases knowledge, hones analytical skills, reinforces ethical values, and augments academic and professional development through an advanced program of study;
- a student-focused learning environment where the curriculum builds on both the scholarly world and the real world of business activities;
- a challenging interactive and inquiry-based learning experience in small class settings with enthusiastic and skilled faculty; and
- a respect for ethical responsibilities in how we teach, what we teach, and how we work.

The school commits to the business community

- an ongoing dialogue and interaction among the community, the faculty, and students;

- graduates who understand the relevance of professional education to professional practice; and
- graduates who understand the changing complexities and globalization of the world marketplace and the social responsibilities these create.

The school commits to its faculty

- the recognition of the importance of excellence in teaching and learning;
- the confirmation of scholarly and professional development that strengthens teaching and learning; and
- the affirmation of the importance of service that creates and reinforces linkages with the business, professional, university, higher education, government, and student communities.

Business Administration

Business Administration (B.B.A.)

Students earning a Bachelor of Business Administration degree complete a 51-credit business core that provides an overview of the primary business functions. Students must choose a specialty, providing more in-depth study of a particular business area.

All B.B.A. students complete an internship, which provides an opportunity for application of theory and for the cultivation of business skills. It also enables students to include experience working in a Washington-area business, government agency, or financial institution on their résumés.

Upon successful completion of the business administration program, students will be able to

- demonstrate competence and understanding of basic business disciplines and concepts;
- demonstrate problem solving skills, supported by appropriate analytical techniques;
- demonstrate leadership and collaborative skills;
- have a global perspective;
- be effective communicators;
- use current business technology effectively; and
- have an ethical perspective in their professional field.

B.B.A. Specializations: Specializations within the B.B.A. allow students to gain a greater depth of knowledge in a field of particular interest. All specialty courses are to be completed at Marymount, unless

completed at a consortium institution or via study abroad. Specialty courses include MKT 204, LA 250, LA 280, and 300-400 level courses identified in the specialty areas. Students should consult their academic advisor for additional guidance regarding specific specializations or residency requirements. All B.B.A. majors will choose a specialty from the following:

Accounting

This specialization is designed to prepare students to pursue careers in public, private, and government accounting and to pursue advanced degrees in business or law. The program also provides a basic foundation for students to begin preparation for professional certification examinations.

Finance

This specialization prepares students to pursue careers in corporate finance. The program of study provides instruction in the theory and quantitative techniques used to analyze organizational performance, financing, and investment decisions.

General Business

This specialization offers the greatest degree of flexibility and choice within the B.B.A. major. It allows students, in consultation with an advisor, to combine business specialty, information technology, and/or economics courses in a way that advances their individual career goals.

Human Resource Management

This specialization prepares students for a career in human resource management. The specialty consists of coursework that reflects the core areas of the field and introduces students to systematic perspectives and strategic approaches to managing human resources. It also provides a basic foundation for students who intend to pursue future certifications or advanced degrees in business.

International Business

This specialization is designed to give students the entry-level skills needed to succeed in the diverse and complex environment of international business operations. Today's business organizations are increasingly international in their financing, production, and marketing operations as global competition forces U.S. managers to rethink traditional business practices. Students in this specialty are strongly urged to take at least one year of a foreign language and participate in a study abroad program, if possible.

Marketing

This specialization offers students marketing expertise in advertising and sales, as well as such diverse topics as Internet marketing, consumer behavior, marketing research, international marketing, and marketing management. Graduates may find employment in advertising, public relations, brand management, marketing research, and retailing.

Sport Management

This specialization prepares students for a career focused on the business operations of sports teams or facilities. In addition to a required internship in the senior year, students pursuing this specialty are encouraged to gain practical experience through summer employment in the sport industry.

Internship Requirements: All students complete an internship. This requirement may be substituted in exceptional cases but requires approval by the School of Business and Technology internship coordinator and the department chair.

Internship Prerequisites: To register for an internship, students must have a minimum of 90 credits with a minimum cumulative GPA of 2.0 and a minimum cumulative GPA of 2.0 in all major courses. Students also should have completed a minimum of nine credits in their specialty courses. Students should consult their academic advisor and/or the School of Business and Technology internship coordinator for more information.

Minimum Grade Requirements

- To continue in the B.B.A. degree program, a C or better in each of the following courses: MGT 123, ACT 201, MGT 304, and MGT 489
- For all B.B.A. students, a cumulative 2.0 GPA or better in the B.B.A. specialization courses and in all coursework in order to graduate
- For accounting students, a minimum grade of C in ACT 303
- For acceptance into the Human Resource Management specialty, a cumulative GPA of 2.7 or higher; a minimum grade of B- in HRM 335, HRM 423, and LA 430; and a cumulative GPA of 2.7 or higher on all coursework
- For finance and international business students, a minimum grade of C- in FIN 301

Degree Requirements — Business Administration

This degree requires from 120 to 122 total credits.

Liberal Arts Core and University Requirements

See University Requirements and the Liberal Arts Core (p. 59) for details.

Major Requirements

To fulfill the requirements of the major, all students in this program will take the following coursework in a sequence determined in collaboration with a faculty advisor. Some courses also satisfy Liberal Arts Core and/or University Requirements.

ACT 201	Principles of Accounting I
ACT 202	Principles of Accounting II
ACT 202L	Principles of Accounting Lab
ECO 210	Principles of Microeconomics *
ECO 211	Principles of Macroeconomics *
FIN 301	Financial Management
IT 110	Information Technology in the Global Age *
LA 248	Business Law I
LA 249	Business Law II
MA 132	Statistical Analysis *
MGT 123	The Business Experience
MGT 291	Business Communication *
MGT 304	Organizational Management
MGT 451	Strategic Management *
MGT 489	Senior Business Seminar *
ACT 490	Internship *
MGT 490	OR Internship *
MSC 300	Advanced Business Statistics *
MSC 337	Operations Management
MKT 301	Principles of Marketing
PH 305	Business Ethics *

Specialties

All students majoring in business also complete coursework in a chosen specialty as follows:

Accounting Specialty

ACT 303	Intermediate Accounting I
ACT 304	Intermediate Accounting II
ACT 306	Cost Accounting
ACT 406	Tax Accounting
ACT 410	Auditing
ACT 420	Advanced Accounting Topics *
ACT 430	Government and Not-for-Profit Accounting

One (1) course from the following:

ECO 485	International Economics *
FIN 485	OR International Finance *

Finance Specialty

ECO 332	Money and Banking *
FIN 334	Investments
FIN 362	Intermediate Financial Management
FIN 485	International Finance *
FIN 400	Senior Seminar in Finance *
FIN 425	OR Applied Portfolio Management

(Recommended courses: ACT 306 Cost Accounting, ECO 485 International Economics)

General Business Specialty

Four (4) courses from other specialty areas, 300/400-level economics courses, or IT courses numbered higher than IT 110

One (1) international course from the following:

ECO 485	International Economics *
FIN 485	International Finance *
MGT 385	International Business *
MGT 485	International Management *
MKT 485	International Marketing *

Human Resource Management Specialty

HRM 335	Human Resource Management
HRM 423	Performance Management and Compensation
LA 430	Current Issues in Employment Law
MGT 485	International Management *
MSC 345	Project Management

International Business Specialty

ECO 485	International Economics *
FIN 485	International Finance *
MKT 485	International Marketing *
MGT 385	International Business *
MGT 485	International Management *

Marketing Specialty

MKT 412	Marketing Research
MKT 416	Marketing Management
MKT 485	International Marketing *

Two (2) courses from the following:

MKT 305	Sport Marketing
MKT 310	Event Planning

MKT 313	Sales Skills and Strategies
MKT 319	Advertising and Integrated Marketing Communications
MKT 360	Consumer Behavior
MKT 204	Sustainable Marketing *

Sport Management Specialty

ECO 305	Business and Economics of Sports *
LA 315	Sport Law
MGT 485	International Management *
	OR
MKT 485	International Marketing *
MKT 305	Sport Marketing
MGT 405	Sport Management

Recommended Additional Courses:

HPR 301	Health/Fitness Program Management *
MKT 313	Sales Skills and Strategies
MKT 319	Advertising and Integrated Marketing Communications
MKT 360	Consumer Behavior

Sample Degree Plan — Business Administration

Please note that this is a sample plan; all students must consult with an advisor in making course selections.

Year One — Fall

MGT 123	The Business Experience
EN 101	Composition I *
	Introductory Social Science (SS-1) core course (politics, psychology, or sociology) *
	Natural Science (NS) core course with lab *
DSC 101	DISCOVER First-Year Seminar *

EN 101: WR core course

Year One — Spring

IT 110	Information Technology in the Global Age *
EN 102	Composition II *
HI	Introductory History (HI-1) core course *
MA 132	Statistical Analysis *
PH 100	Introduction to Philosophy *

EN 102: WR core course

MA 132: MT core course

PH 100: PH-1 core course

Year Two — Fall

ACT 201	Principles of Accounting I
ECO 210	Principles of Microeconomics *
LA 248	Business Law I
EN	Introductory Literature (LT-1) core course *
TRS 100	Theological Inquiry *

ECO 210: SS-1 core course

TRS 100: TRS-1 core course

Year Two — Spring

ACT 202	Principles of Accounting II
ACT 202L	Principles of Accounting Lab
ECO 211	Principles of Macroeconomics *
LA 249	Business Law II
MGT 291	Business Communication *
	Fine Arts (FNA), Advanced Literature (LT-2), or Advanced History (HI-2) core course *

ECO 211: SS-1 core course

Year Three — Fall

FIN 301	Financial Management
MKT 301	Principles of Marketing
MSC 300	Advanced Business Statistics *
	One (1) specialty course
	Advanced Social Science (SS-2) or Natural Science (NS) core course *

Specialty course: See Major Requirements above for specialty options and course selections.

Year Three — Spring

MGT 304	Organizational Management
MSC 337	Operations Management
PH 305	Business Ethics *
	Fine Arts (FNA), Advanced Literature (LT-2), or Advanced History (HI-2) core course *
	One (1) specialty course
	One (1) specialty course or elective

PH 305: PH-2 core course

Specialty course: See Major Requirements above for specialty options and course selections.

Year Four — Fall

MGT 451	Strategic Management *
	Three (3) specialty courses
	Theological Ethics (TRS-E) core course *

Specialty course: See Major Requirements above for specialty options and course selections.

Year Four — Spring

MGT 489	Senior Business Seminar *
MGT 490	Internship *
	One (1) specialty course or elective
	One (1) elective

Specialty course: See Major Requirements above for specialty options and course selections.

* Fulfills Liberal Arts Core/University Requirements. See University Requirements and the Liberal Arts Core (p. 59) and the Course Descriptions (p. 203) for further information.

B.B.A to M.B.A. Program

This pre-M.B.A. program allows advanced B.B.A. students to begin coursework that satisfies M.B.A. degree requirements while completing their undergraduate degree. If students begin their graduate coursework while completing their undergraduate programs, they could earn their undergraduate and graduate degrees at an accelerated rate.

B.B.A. students can supplement their undergraduate coursework with up to six credits of specified M.B.A. graduate courses. The M.B.A. courses would satisfy both graduate and undergraduate program requirements.

Students are allowed to enroll in up to four graduate-level M.B.A. courses while completing undergraduate coursework; however, only two of those courses (six credits) would be eligible for application to the undergraduate degree. If students opt to take an additional two courses at the graduate level while completing their undergraduate degree, these courses would only apply to the graduate program requirements. All four graduate courses would satisfy M.B.A. program requirements.

Admission Requirement

In addition to meeting the universitywide undergraduate admission requirements, students are permitted to submit an application and, if approved, take graduate M.B.A. courses if they have

- at least 60 credits but no more than 90 credits and
- a minimum cumulative GPA of 3.4.

MBA Courses

MBA 511	Management Foundations
MBA 512	Accounting for Managers
MBA 515	Management in Organizations
MBA 521	Marketing Concepts and Practice

BBA students must take MBA 511 as the first graduate-level course in this combined program.

Graduate Student Status: Upon completion of up to four 500 level MBA courses (each with a minimum grade of C) and the awarding of their bachelor's degree, students must apply to the M.B.A. program to attain admission to this program.

B.B.A./M.B.A. Guaranteed Admission Program in Business Administration

The standardized test requirement for admission to Marymount's M.B.A. program will be waived for students who have earned a business degree in the past three years with a minimum cumulative GPA of 3.4 overall and a minimum cumulative GPA of 3.4 in their business courses.

Graduate Student Status: Upon the awarding of their B.B.A. degree and the completion of the M.B.A. admissions process, the student will attain full admission to the M.B.A. program and become subject to all graduate student policies and procedures. The program requirements for the M.B.A can be found in the *Graduate Catalog*.

Business Administration (Minor)

This minor is offered to undergraduate students pursuing a degree other than the Bachelor of Business Administration (B.B.A.).

Minimum Grade Requirements: Cumulative GPA at the end of the first year must be 2.0 or better. MGT 123 and MGT 304 must be completed with a grade of C or better. Cumulative GPA in courses used to fulfill the business minor requirements must be a 2.0 or better.

Residency Requirement: Students must complete at least 12 credits of the minor requirements at Marymount.

Minor Requirements

MGT 123	The Business Experience
MGT 304	Organizational Management

Fifteen (15) additional credits in Marymount business courses must be approved by the school dean or designee. For information technology majors, these additional credits cannot include IT courses.

Economics**Economics (B.A.)**

Economics is a social science that seeks to understand human behavior by analyzing how changes in incentives

affect the choices individuals and groups of individuals make. The basic challenge of economic decision making involves satisfying unlimited human wants with limited resources. Exploring this central economic concept becomes even more complex when a specific society's values, objectives, and institutions are considered. Marymount's B.A. in economics uses this economic framework to understand a broad range of diverse issues, including business operations, environmental policy issues, poverty, law, financial institutions, and international trade, among others.

Marymount's location in the metropolitan Washington, DC, area provides the perfect setting for real-time analysis and experience via site visits, internship opportunities, and guest speakers from think tanks and government agencies. Small class sizes allow extensive individual interaction with professors.

A degree in economics prepares students for careers in government, consulting, and business. Indeed, average starting salaries for undergraduate economics majors are routinely among the highest among all undergraduate programs. Studying economics also provides an excellent foundation for graduate studies in law, public policy, international studies, or business.

Students majoring in economics will be encouraged by advisors to choose their elective courses with specific postgraduate goals in mind. The economics degree provides ample elective credits for students to explore additional academic interests in fields like business, politics, mathematics, history, English, sociology, philosophy, and psychology.

Upon successful completion of the economics program, students will be able to

- understand economic analysis and use its concepts to provide insight into a wide range of human concerns;
- communicate economic information and concepts effectively in both written and oral forms of communication; and
- work effectively as an entry-level research or policy analyst and develop opportunities and techniques for lifelong professional development.

Internship Prerequisites: A minimum of 90 credits in the program with a minimum cumulative GPA of 2.0 and a minimum cumulative GPA of 2.0 in all 300- and 400-level economics courses are required in order to register for the internship (ECO 490). Students should also have completed a minimum of nine credits in 300- and 400-level economics courses. Students should consult their academic advisor and the School of

Business and Technology internship coordinator for more information.

Residency Requirement: Students must complete a minimum of 18 credits from the 300- and 400-level major degree requirements at Marymount.

Degree Requirements — Economics

Liberal Arts Core and University Requirements

See University Requirements and the Liberal Arts Core (p. 59) for details.

Major Requirements

To fulfill the requirements of the major, all students in this program will take the following coursework in a sequence determined in collaboration with a faculty advisor. Some courses also satisfy Liberal Arts Core and/or University Requirements.

ECO 210	Principles of Microeconomics *
ECO 211	Principles of Macroeconomics *
ECO 310	Intermediate Microeconomics
ECO 311	Intermediate Macroeconomics
ECO 485	International Economics *
ECO 490	Internship *
MA 132	Statistical Analysis *
	OR
MA 218	Probability and Statistics *

An additional 15 credits of 300/400 economics electives are required.

Sample Degree Plan — Economics

Please note that this is a sample plan; all students must consult with an advisor in making course selections.

Year One — Fall

EN 101	Composition I *
	Natural Science (NS) core course with lab *
TRS 100	Theological Inquiry *
DSC 101	DISCOVER First-Year Seminar *
	One (1) elective (MGT 123 recommended)

EN 101: WR core course

TRS 100: TRS-1 core course

Year One — Spring

ECO 211	Principles of Macroeconomics *
	Introductory Social Science (SS-1) core course (politics, psychology, or sociology) *
EN 102	Composition II *
HI	Introductory History (HI-1) core course *
	One (1) elective (MA 171 or MA 181 recommended)

ECO 211: SS-1 core course

EN 102: WR core course

Year Two — Fall

ECO 210	Principles of Microeconomics *
MA 132	Statistical Analysis *
	OR
MA 218	Probability and Statistics *
EN	Introductory Literature (LT-1) core course *
	Two (2) electives

ECO 210: SS-1 core course

MA 132 or MA 218: MT core courses

Year Two — Spring

ECO 311	Intermediate Macroeconomics
PH 100	Introduction to Philosophy *
	Theological Ethics (TRS-E) core course *
	One (1) Introductory Social Science (SS-1) core course (politics, psychology, or sociology) or a second Natural Science (NS) core course *
	One (1) elective

PH 100: PH-1 core course

One Introductory Social Science (SS-1) core course in politics, psychology, or sociology or a second Natural Science (NS) core course: Students must take an Introductory Social Science (SS-1) core course in another field (politics, psychology, or sociology) different from their earlier non-economics SS-1 elective or else take a second Natural Science (NS) core course.

ECO 311: SS-2 core course

Year Three — Fall

ECO 310	Intermediate Microeconomics
	One (1) 300/400-level economics course
	Fine Arts (FNA), Advanced Literature (LT-2), or Advanced History (HI-2) core course *
	Two (2) electives

ECO 310: SS-2 core course

Year Three — Spring

ECO 485	International Economics *
	One (1) 300/400-level economics course
PH 301	Social and Political Philosophy *
	OR
PH 305	Business Ethics *
	Two (2) electives

PH 301, PH 305: (PH-2 core course)

Students can elect to take another Advanced Philosophy (PH-2) core course instead.

Year Four — Fall

	Two (2) 300/400-level economics courses
	Fine Arts (FNA), Advanced Literature (LT-2), or Advanced History (HI-2) core course *
	Two (2) electives

Year Four — Spring

ECO 490	Internship *
	One (1) economics course
	Three (3) electives

ECO 490 fulfills the university Experiential Learning (EXP) requirement.

Note: Students must take at least three Writing Intensive (WI) courses.

* Fulfills Liberal Arts Core/University Requirements. See University Requirements and the Liberal Arts Core (p. 59) and the Course Descriptions (p. 203) for further information.

Economics (B.A.) 3+3 Partnership with Catholic University Law School

Marymount has a direct entry affiliation agreement with Catholic University's Columbus School of Law. This enables qualified third-year Marymount students in designated majors to be admitted to the first year of law school during their senior year at Marymount.

Economics students who are interested in direct entry to the Columbus School of Law after their junior year at Marymount should discuss the 3+3 partnership with their major advisor as soon as they become interested. The advisor will guide students through the selection of Marymount courses and refer them to the Office of Admissions of the Columbus School of Law as potential applicants. Qualified students may receive credit from both Marymount and Catholic University for a maximum of 29 credits taken at the Columbus School of Law. For more information and details on eligibility, please see Pre-Law Studies and Advising (p. 68).

Sample Degree Plan — Economics 3+3 Partnership with Catholic University Law School

Please note that this is a sample plan; all students must consult with an advisor in making course selections. Interested students are highly encouraged to explore adding a minor or double major to their program of study.

Year One — Fall

EN 101	Composition I *
	Natural Science (NS) core course with lab *
TRS 100	Theological Inquiry *
DSC 101	DISCOVER First-Year Seminar *
	One (1) elective (MGT 123 recommended)

EN 101: WR core course

TRS 100: TRS-1 core course

Year One — Spring

ECO 211	Principles of Macroeconomics *
EN 102	Composition II *
HI	Introductory History (HI-1) core course *
	Introductory Social Science (SS-1) core course (politics, psychology, or sociology) *
	One (1) elective (MA 171 or MA 181 recommended)

ECO 211: SS-1 core course

EN 102: WR core course

Year Two — Fall

ECO 210	Principles of Microeconomics *
MA 132	Statistical Analysis *
MA 218	OR Probability and Statistics *
EN	Introductory Literature (LT-1) core course*
	Two (2) electives

ECO 210: SS-1 core course

MA 132 or MA 218: MT core courses

Year Two — Spring

ECO 311	Intermediate Macroeconomics
PH 100	Introduction to Philosophy *
	Theological Ethics (TRS-E) core course *
	One (1) Introductory Social Science (SS-1) core course (politics, psychology, or sociology) or a second Natural Science (NS) core course *
	One (1) 300/400-level economics course

PH 100: PH-1 core course

One Introductory Social Science (SS-1) core course in politics, psychology, or sociology or a second Natural Science (NS) core course: Students must take an Introductory Social Science (SS-1) core course in another field (politics, psychology, or sociology) that differs from their earlier non-economics SS-1 elective or else take a second Natural Science (NS) core course.

ECO 311: SS-2 core course

Year Three — Fall

ECO 310	Intermediate Microeconomics
	Two (2) 300/400-level economics courses
	Fine Arts (FNA), Advanced Literature (LT-2), or Advanced History (HI-2) core course *
	One (1) elective

ECO 310: SS-2 core course

Year Three — Spring

ECO 485	International Economics *
	Two (2) 300/400-level economics courses
PH 301	Social and Political Philosophy *
PH 305	OR Business Ethics *
ECO 490	Internship *
	One (1) one-credit elective (if a four-credit Natural Science course is not taken)

PH 301, PH 305: (PH-2 core course)

Students can elect to take another Advanced Philosophy (PH-2) core course instead.

ECO 490 fulfills the Experiential Learning (EXP) requirement.

Year Four — Fall (classes to be completed at Columbus School of Law)

Criminal Law (substitute for elective)

Civil Procedure (yearlong course split over fall and spring — substitute for elective)

Lawyering Skills (yearlong course split over fall and spring — substitute for WI/INQ)*

Contracts (yearlong course split over fall and spring — substitute for elective)

Year Four — Spring (classes to be completed at Columbus School of Law)

Contracts (yearlong course split over fall and spring)

Lawyering Skills (yearlong course split over fall and spring)

Civil Procedure (yearlong course split over fall and spring)

Property (substitute for elective)

Torts (substitute for elective)

Constitutional Law (substitute for elective)

Note: Students must take at least two (2) Writing-Intensive (WI) courses in addition to ECO 431, for a total of three (3) WI courses.

* Fulfills Liberal Arts Core/University Requirements. See University Requirements and the Liberal Arts Core (p. 59) and the Course Descriptions (p. 203) for further information.

B.A. in Economics to M.B.A. Program

This pre-M.B.A. program allows advanced economics students to begin to pursue their M.B.A. degree while completing their undergraduate program. If students begin their graduate coursework while completing their undergraduate programs, they could earn their undergraduate and graduate degrees at an accelerated rate.

Economics students can supplement their undergraduate coursework with up to six credits of specified M.B.A. graduate courses. The M.B.A. courses would satisfy both graduate and undergraduate program requirements.

Students are allowed to enroll in up to four graduate-level M.B.A. courses while completing undergraduate coursework; however, only two of those courses (six credits) would be eligible for application to the undergraduate degree. If students opt to take an additional two courses at the graduate level while completing the undergraduate degree, these courses would only apply to the graduate program requirements. All four graduate courses would satisfy M.B.A. program requirements.

Admission Requirements

In addition to meeting the universitywide undergraduate admission requirements, students are permitted to submit an application and, if approved, take graduate M.B.A. courses if they have

- at least 60 credits but no more than 90 credits and
- a minimum cumulative GPA of 3.4.

MBA Courses

MBA 511	Management Foundations
MBA 512	Accounting for Managers

MBA 515	Management in Organizations
MBA 521	Marketing Concepts and Practice

Economics students must take MBA 511 as one of the graduate-level options, and this must be the first graduate-level course in which the students enroll.

Students who would like to obtain a minor in business, along with their undergraduate program, as part of the B.A. to M.B.A. option can apply two MBA courses to their business minor.

Graduate Student Status: Upon completion of up to four 500 level MBA courses (each with a minimum grade of C) and the awarding of their bachelor's degree, students must apply to the M.B.A. program to attain admission to this program.

B.A. in ECO/M.B.A. Guaranteed Admission Program

The standardized test requirement for admission to Marymount's M.B.A. program will be waived for students who have earned a business degree in the past three years with a minimum cumulative GPA of 3.4 overall and a minimum cumulative GPA of 3.4 in their business courses.

Graduate Student Status: Upon the awarding of their B.B.A. degree and the completion of the M.B.A. admissions process, the student will attain full admission to the M.B.A. program and become subject to all graduate student policies and procedures. The program requirements for the M.B.A. can be found in the *Graduate Catalog*.

Economics (Minor)

Residency Requirement: Students must complete at least 12 credits of the minor requirements at Marymount.

Minor Requirements

ECO 210	Principles of Microeconomics *
ECO 211	Principles of Macroeconomics *

Four (4) additional economics electives approved by an economics faculty advisor

Information Technology and Cybersecurity

Cybersecurity Accelerated Second Degree (B.S.)

The accelerated second degree B.S. in Cybersecurity may be completed in four consecutive semesters by students who have earned a bachelor's degree in another program.

Students admitted to this program have completed a previous baccalaureate degree and are considered to have met the Liberal Arts Core and possibly some prerequisite requirements (6 credits as described below).

Admission Requirements

To be eligible for admission, students must have a bachelor's degree from a regionally accredited college or university with a minimum cumulative GPA of 2.5.

Program Prerequisites

These courses or their equivalents must be completed prior to starting the accelerated second degree cybersecurity program: statistics (equivalent to MA 132) and introductory computing class (equivalent to IT 110).

This degree requires a total of 76 credits after completion of a bachelor's degree from a regionally accredited institution.

Minimum Grade Requirements

A minimum grade of C is required in all information technology (IT) courses. A minimum grade of C+ is required for IT 423 and IT 489.

Major Requirements

IT 120	Cybersecurity Principles
IT 125	Web Development
IT 205	Computer Technology
IT 210	Software Engineering
IT 225	Advanced Web Development
IT 229	Python Scripting
IT 305	Computer Networking
IT 310	Database Technology
IT 315	Operating Systems and Virtualization
IT 321	Cloud Computing
IT 323	Junior IT Seminar
IT 335	Corporate Cybersecurity
IT 341	Data in the Cloud
IT 355	Software Testing, Documentation, and Quality Assurance
IT 357	Malware Analysis
IT 370	Computer Forensics
IT 372	Cisco Networking I

IT 375	Cisco Networking II
IT 390	Cybersecurity: Attack and Defend
IT 385	Managing Big Data
IT 423	Senior IT Seminar
IT 489	Capstone Project
MSC 325	Data Analytics
MSC 345	Project Management
PH 305	Business Ethics OR
PH 313	Cyberethics

Sample Degree Plan

Please note that this is a sample plan; all students must consult with an advisor in making course selections. Students are responsible for the additional tuition costs if they are enrolled in 19 or more credits in a semester.

Semester One — Fall or Spring

IT 120	Cybersecurity Principles
IT 125	Web Development
IT 205	Computer Technology
IT 210	Software Engineering
IT 310	Database Technology
MSC 345	Project Management

Semester Two — Spring or Summer

IT 225	Advanced Web Development
IT 229	Python Scripting
IT 305	Computer Networking
PH 305	Business Ethics OR
PH 313	Cyberethics
IT 315	Operating Systems and Virtualization
IT 335	Corporate Cybersecurity

Semester Three — Summer or Fall

MSC 325	Data Analytics
IT 321	Cloud Computing
IT 355	Software Testing, Documentation, and Quality Assurance
IT 370	Computer Forensics
IT 357	Malware Analysis
IT 372	Cisco Networking I
IT 323	Junior IT Seminar

Semester Four — Fall or Spring

IT 341	Data in the Cloud
IT 375	Cisco Networking II
IT 385	Managing Big Data
IT 390	Cybersecurity: Attack and Defend
IT 490	IT Internship

IT 423	Senior IT Seminar
IT 489	Capstone Project

Information Technology (B.S.)

Marymount's information technology (IT) program offers a solid foundation of knowledge across the system life cycle — defining requirements, developing software, administering and securing a computer network, and successfully managing IT projects. The curriculum addresses hardware, software, databases, networks, security, quality assurance, and project management. Students will focus on one of the following specialties:

Applied Cybersecurity

This specialization is primarily for transfer students who have transferred three or more specific cybersecurity courses from a community college or four-year program. It can also be selected by students who wish to enter the many parts of the cybersecurity field that do not need a strong computer networking focus.

Applied IT

This specialization is for students who do not want to specialize in one of the other specialties or who are transferring in IT classes that do not correlate to classes in any one specialty.

Cloud Computing

This specialization is for students who wish to specialize in architecting, developing, and managing systems in the cloud computing environment.

Computer Science

This specialization is for students who would like to design and build software products or design and build complex, secure networks.

Data Science

This specialization is for students who wish to develop knowledge, skills, and abilities to collect, store, find, and interpret "big data."

Forensic Computing

This specialization is for students who wish to investigate computer incidents and prepare evidence for use in a court of law.

Game Design and Development

This specialization is for students who wish to

develop high-quality games for a variety of media in the gaming industry and beyond.

Information Systems

This specialization is for students who wish to provide technical support to system users and design and manage websites, usually in a business context.

Interactive Media

This specialization is for students who would like to design websites using audio and video components.

Networking and Cybersecurity

This specialization is for students who wish to specialize in network administration and the protection of today's computer systems.

Upon successful completion of the information technology program, students will be able to

- analyze problems in business and society, and identify and define the digital technology appropriate to the solution;
- design, implement, and evaluate a digital solution as a system, process, component, or program to meet the defined needs;
- select and use appropriate current techniques, skills, and tools necessary for today's digital age;
- demonstrate knowledge of programming principles and proficiency in at least one programming language;
- work successfully in a team environment both as a team leader and as a participant of a team;
- communicate effectively with a wide range of audiences, non-technical and technical;
- demonstrate an awareness of professional, ethical, legal, security, social issues, and responsibilities and be able to determine the most ethical response to common dilemmas in the digital age;
- recognize the need for and an ability to engage in continuing professional development to adapt to an ever-changing global technological and business environment; and
- conduct evidence-based research on contemporary information technology issues in today's digital world.

Students are also prepared for industrywide certification, such as Net+ from CompTia, and Certified Software Tester (CSTE) from the QA Global Institute. Students who specialize in forensic computing study the field using topics required for the International Society

of Forensic Computer Examiner's Certified Computer Examiner certification. Students who specialize in networking and cybersecurity are prepared for the Cisco Certified Entry Networking Technician (CCENT) and the Cisco Certified Network Associate (CCNA) certifications for Cisco Systems and the Security+ certification from CompTia. The computer science specialty provides the preparatory work necessary to enter Marymount's M.S. in information technology's software engineering track and prepares students for the IEEE Certified Software Development Professional (CSDP). Students in the Cloud Computing specialty are prepared to take the AWS Certified Cloud Practitioner certification. Students who have passed one of these certifications within the past three years and can show evidence to the program director will be able to substitute a higher-level course, approved by the program director, for the required course.

Students are advised to consider a minor depending upon their specialty. Students choosing the applied IT or applied cybersecurity specialty should consider a minor such as data science. Students specializing in computer science might consider a minor in mathematics, offered through the School of Design, Arts, and Humanities or a minor in data science. Students specializing in forensic computing or networking and cybersecurity may wish to minor in criminal justice. Students specializing in information systems should consider a minor in business administration. Students specializing in interactive media should consider the web design minor.

The full-time faculty for this program conduct research in cybersecurity, data management, open source software, natural language processing, human computer interaction, technology for health care, mobile application development, and other areas. Adjunct faculty work in areas such as requirements analysis, computer crime investigation, hardware design, software development, database management, cybersecurity, and operations management. Students can benefit from a breadth of research and experience in the IT field and participate in cybersecurity and programming competitions and undergraduate research.

Internship Prerequisites: A minimum of 90 credits with a minimum cumulative GPA of 2.0 and a grade of C or better in IT 323 Junior IT Seminar are required to register for the internship.

Minimum Grade Requirements: A minimum grade of C is required in all IT courses except IT 110. A minimum grade of C+ is required for IT 423 Senior IT Seminar and IT 489 Capstone Project.

Residency Requirement: Students must complete 21 credits of their IT major or specialty courses at Marymount.

Degree Requirements — Information Technology

This degree requires from 120 to 122 total credits.

Liberal Arts Core and University Requirements

See University Requirements and the Liberal Arts Core (p. 59) for details.

Major Requirements

To fulfill the requirements of the major, all students in this program will take the following coursework in a sequence determined in collaboration with a faculty advisor. Some courses also satisfy Liberal Arts Core and/or University Requirements.

IT 110	Information Technology in the Global Age *
IT 120	Cybersecurity Principles *
IT 130	Java Programming
IT 125	OR Web Development
IT 205	Computer Technology *
IT 210	Software Engineering *
IT 223	Sophomore IT Seminar
IT 230	Advanced Java Programming
IT 225	OR Advanced Web Development
IT 227	OR Mobile App Development
IT 229	OR Python Scripting
IT 305	Computer Networking
IT 310	Database Technology
IT 323	Junior IT Seminar
IT 345	Human Computer Interaction
IT 355	Software Testing, Documentation, and Quality Assurance *
IT 490	IT Internship
IT 423	Senior IT Seminar
IT 489	Capstone Project *
MGT 123	The Business Experience
MSC 345	Project Management
MA 132	Statistical Analysis *
MA 121	Math for Liberal Arts *
MA 171	OR Calculus with Precalculus A *
MA 181	OR Calculus *
	OR

MA 260	Discrete Mathematics for Information Technology *
MSC 300	Advanced Business Statistics *
MSC 310	Decision Analysis
PH 305	Business Ethics *
PH 313	Cyberethics *
	Two (2) information technology electives

All majors also complete coursework in a chosen specialty as follows:

Applied Cybersecurity Specialty

Two (2) to five (5) courses of cybersecurity transfer credits

IT 229	Python Scripting
IT 315	Operating Systems and Virtualization
IT 321	Cloud Computing
IT 331	On-Premise and Cloud System Administration
IT 335	Corporate Cybersecurity
IT 351	Cloud Security and DevSecOps
IT 357	Malware Analysis
IT 360	Topics in Information Technology
IT 370	Computer Forensics
IT 389	IT Field Experience
IT 390	Cybersecurity: Attack and Defend
MSC 325	Data Analytics

Applied IT Specialty

Five (5) courses (IT, MSC, or MA) approved by the program director. At least three (3) courses must be IT courses not required in the major requirements.

Cloud Computing Specialty

IT 315	Operating Systems and Virtualization
IT 321	Cloud Computing
IT 331	On-Premise and Cloud System Administration
IT 341	Data in the Cloud
IT 351	Cloud Security and DevSecOps

Computer Science Specialty

IT 315	Operating Systems and Virtualization
IT 320	Structure of Programming Languages
IT 340	Data Structures and Algorithms
MA 181	Calculus *
	One (1) information technology or mathematics elective

Data Science Specialty

MSC 310	Decision Analysis
MSC 325	Data Analytics
IT 385	Managing Big Data
MSC 385	Current Topics in Data Science
MSC 390	Data Science Applications

Forensic Computing Specialty

ACT 201	Principles of Accounting I
CJ 209	The Criminal Justice System *
CJ 310	Policing in American Society
CJ 320	Cybercrime and Digital Terrorism
IT 370	Computer Forensics

Game Design and Development

IT 322	Game Design
IT 324	Story and Narrative Development for Video Games
IT 325	3-D Modelling and Animation
IT 326	Game Development and Production
IT 328	Mobile Gaming

Information Systems Specialty

ACT 201	Principles of Accounting I
LA 248	Business Law I
MGT 304	Organizational Management
IT 380	Electronic Document and Record Management

One election from any of the following disciplines: accounting, information technology, graphic design, management, management science, or marketing.

Interactive Media Specialty

GMD 103	Adobe Photoshop
GMD 104	Adobe Illustrator
GMD 106	Motion Graphics
GMD 105	Video Editing
GMD 203	Digital Photography
GMD 205	Video Production: Promotional and Informational Communication
GMD 308	Web and Social Media Design
OR	
IT 322	Game Design

Networking and Cybersecurity Specialty

IT 229	Python Scripting
OR	
IT 315	Operating Systems and Virtualization
IT 335	Corporate Cybersecurity
IT 372	Cisco Networking I
IT 375	Cisco Networking II

IT 351	Cloud Security and DevSecOps
IT 360	OR
IT 360	Topics in Information Technology
IT 370	OR
IT 370	Computer Forensics
IT 390	OR
IT 390	Cybersecurity: Attack and Defend

Sample Degree Plan — Information Technology

Please note that this is a sample plan; all students must consult with an advisor in making course selections.

Year One — Fall

IT 120	Cybersecurity Principles *
MGT 123	The Business Experience
EN 101	Composition I *
MA 132	Statistical Analysis *
DSC 101	DISCOVER First-Year Seminar *

EN 101: WR core course

MA 132: MT core course

Year One — Spring

IT 110	Information Technology in the Global Age *
IT 130	Java Programming
IT 125	OR
IT 125	Web Development
EN 102	Composition II *
PH 100	Introduction to Philosophy *
	Introductory Social Science (SS-1) core course *

EN 102: WR core course

PH 100: PH-1 core course

Year Two — Fall

IT 205	Computer Technology *
IT 210	Software Engineering *
IT 223	Sophomore IT Seminar
MSC 310	Decision Analysis
EN	Introductory Literature (LT-1) core course *
PH 305	Business Ethics *
	OR
PH 313	Cyberethics *

PH 305 and PH 313: PH-E core course

Year Two — Spring

IT 230	Advanced Java Programming
IT 225	OR
IT 225	Advanced Web Development
IT 227	OR
IT 227	Mobile App Development
IT 229	OR
IT 229	Python Scripting
HI	Introductory History (HI-1) core course *
	Natural Science (NS) core course with lab *
TRS 100	Theological Inquiry *
	One (1) information technology elective

TRS 100: TRS-1 core course

Year Three — Fall

IT 305	Computer Networking
IT 310	Database Technology
IT 323	Junior IT Seminar
	One (1) specialty course
	Introductory Social Science (SS-1) core course *
	Fine Arts (FNA), Advanced Literature (LT-2), or Advanced History (HI-2) core course *

Year Three — Spring

IT 345	Human Computer Interaction
IT 355	Software Testing, Documentation, and Quality Assurance *
MSC 345	Project Management
	One (1) specialty course
	Introductory Social Science (SS-1) or Natural Science (NS) core course *

Year Four — Fall

	Two (2) specialty courses
IT 490	IT Internship
IT 423	Senior IT Seminar
	One (1) information technology elective
	Fine Arts (FNA), Advanced Literature (LT-2), or Advanced History (HI-2) core course *

Specialty Course: See Major Requirements above for specialty options and course selections.

Year Four — Spring

	One (1) specialty course
IT 489	Capstone Project *
	Advanced Social Science (SS-2) core course *
	Theological Ethics (TRS-E) core course *

One (1) elective

Specialty Course: See Major Requirements for specialty options and course selections.

* Fulfills Liberal Arts Core/University Requirements. See University Requirements and the Liberal Arts Core (p. 59) and the Course Descriptions (p. 203) for further information.

Information Technology, Combined B.S./M.S. Program

This pre-M.S. program allows advanced students to earn a B.S. in Information Technology and an M.S. in Information Technology at an accelerated rate.

Undergraduate students with a major in information technology can supplement their undergraduate coursework with up to 6 credits of specified graduate IT coursework. The graduate-level IT coursework would satisfy both graduate and undergraduate program requirements. Only six credits of the 12 may be applied to the undergraduate degree.

Students are allowed to enroll in up to four (4) graduate-level IT courses while completing undergraduate coursework; however, only two of those courses (six credits) would be eligible for application to the undergraduate degree. If students opt to take an additional two courses at the graduate level while completing the undergraduate degree, these courses would only apply to the graduate program requirements. All four graduate courses would satisfy M.S. in Information Technology program requirements.

Admission Requirements: In addition to meeting universitywide undergraduate admission requirements, students are permitted to submit an application and, if approved, take graduate information technology courses if they have

- a declared major in information technology with a specialty in applied IT, computer science, game design and development, or information systems;
- at least 60 credits but no more than 90 credits; and
- a minimum overall GPA of 3.4.

Minimum Grade and Residency Requirements:

Students should consult the requirements for their major program. The following also applies:

- A minimum grade of C is required in all information technology undergraduate courses, and a minimum grade of B is required for all graduate courses.

- Students must complete 21 credits of their undergraduate IT courses and all of their graduate courses at Marymount.

Graduate IT Courses:

IT 510	Requirements Analysis
IT 515	Decision Making for IT
IT 520	Enterprise Infrastructure and Networks
IT 530	Computer Security

Graduate Student Status: Upon completion of up to four 500-level IT courses (each with a minimum grade of B-) and the awarding of their bachelor's degree, students must apply for admissions to the M.S. in Information Technology program to attain admission to the M.S. program.

Students complete their M.S. degree by following a general program of studies or choosing one of the seven tracks in their final year: cybersecurity, data science, digital transformation, health care informatics, project management and technology leadership, or software engineering.

Upon the awarding of the B.S. in Information Technology degree and the completion of the M.S. in Information Technology admission process, the student will become subject to all graduate student policies and procedures. The program requirements for the M.S. in Information Technology can be found in the *Graduate Catalog*.

Information Technology and Cybersecurity, Combined B.S./M.S. Program

This pre-M.S. program allows advanced students to earn a B.S. in Information Technology and an M.S. in Cybersecurity at an accelerated rate.

Undergraduate students with a major in information technology can supplement their undergraduate coursework with up to 6 credits of specified graduate cybersecurity coursework. The graduate-level cybersecurity coursework would satisfy both graduate and undergraduate program requirements.

Students are allowed to enroll in up to four (4) graduate-level cybersecurity courses while completing undergraduate coursework; however, only two of those courses (six credits) would be eligible for application to the undergraduate degree. If students opt to take an additional two courses at the graduate level while completing the undergraduate degree, these courses would only apply to the graduate program

requirements. All four graduate courses would satisfy M.S. in Cybersecurity program requirements.

Admission Requirements: In addition to meeting universitywide undergraduate admission requirements students are permitted to submit an application and, if approved, take graduate cybersecurity courses if they have a declared major in information technology with a specialty in applied cybersecurity, cloud computing, or networking and cybersecurity;

- at least 60 credits but no more than 90 credits; and
- a minimum cumulative GPA of 3.4.

Minimum Grade and Residency

Requirements: Students should consult the requirements for the B.S. in information technology. The following also applies:

- A minimum grade of C is required for all information technology undergraduate courses and a minimum grade of B for graduate courses.
- Students must complete 21 credits of their undergraduate IT courses and all of their graduate courses at Marymount.

Graduate IT Courses:

IT 530	Computer Security
IT 570	Cybersecurity: Law, Policy, Ethics, and Compliance
IT 575	OR Information Security Management
IT 670	Computer Network Defense
MSC 545	Project Management

Graduate Student Status: Upon completion of four specified 500-level courses from the cybersecurity program courses (each with a minimum grade of B-) and the awarding of their bachelor's degree, students must apply for admissions to attain full admission to the M.S. in Cybersecurity program.

Upon the awarding of the B.S. in Information Technology degree and the completion of the M.S. in Cybersecurity admission process, the student will become subject to all graduate student policies and procedures. The program requirements for the M.S. in Cybersecurity can be found in the *Graduate Catalog*.

B.S. in Information Technology to MBA Program

This pre-M.B.A. program allows advanced IT students to begin coursework that satisfies M.B.A degree requirements while completing their undergraduate program. If students begin their graduate coursework while completing their undergraduate programs, they could earn their undergraduate and graduate degrees at an accelerated rate.

IT students can supplement their undergraduate coursework with up to six credits of specified M.B.A. graduate courses. The M.B.A. courses would satisfy both graduate and undergraduate program requirements.

Students are allowed to enroll in up to four graduate-level M.B.A. courses while completing undergraduate coursework; however, only two of those courses (six credits) would be eligible for application to the undergraduate degree. If students opt to take an additional two courses at the graduate level while completing their undergraduate degree, these courses would only apply to the graduate program requirements. All four graduate courses would satisfy M.B.A. program requirements.

Admission Requirements

In addition to meeting the universitywide undergraduate admission requirements, students are permitted to submit an application and, if approved, take graduate M.B.A. courses if they have

- at least 60 credits but no more than 90 credits and
- a minimum cumulative GPA of 3.4.

MBA Courses

MBA 511	Management Foundations
MBA 512	Accounting for Managers
MBA 515	Management in Organizations
MBA 521	Marketing Concepts and Practice

IT students must take MBA 511 as the first graduate-level course in this combined program.

Graduate Student Status: Upon completion of up to four 500 level MBA courses (each with a minimum grade of C) and the awarding of their bachelor's degree, students must apply to the M.B.A. program to attain admission to this program.

I.T./M.B.A. Guaranteed Admission Program: The standardized test requirement for admission to Marymount's M.B.A. program will be waived for students who have earned an IT degree in the past three years with a minimum cumulative GPA of 3.4 overall

and a minimum cumulative GPA of 3.4 in their business courses.

Graduate Student Status: Upon the awarding of their I.T. degree and the completion of the M.B.A. admissions process, the student will attain full admission to the M.B.A. program and become subject to all graduate student policies and procedures. The program requirements for the M.B.A can be found in the *Graduate Catalog*.

Computer Networking and Cybersecurity (Minor)

A minor in computer networking and cybersecurity prepares students to manage computer networks and to ensure the security of information systems from an operational perspective. Students are prepared for industry certifications such as those from CompTIA (Network+, Security+) and from Cisco (CCENT and CCNA).

Minimum Grade Requirements: A minimum grade of C is required in any course within the computer networking and cybersecurity minor.

Residency Requirement: Students must complete at least 12 credits of the minor requirements at Marymount.

Minor Requirements

IT 205	Computer Technology *
IT 305	Computer Networking
IT 315	Operating Systems and Virtualization
IT 335	Corporate Cybersecurity
IT 372	Cisco Networking I
IT 375	Cisco Networking II
IT 390	Cybersecurity: Attack and Defend

Computer Science (Minor)

A minor in computer science complements programs such as mathematics and biology, as computer analysis is a major part of other applied mathematics and scientific programs.

Minimum Grade Requirements: A minimum grade of C is required in any course within the computer science minor.

Residency Requirement: Students must complete at least 12 credits of the minor requirements at Marymount.

Minor Requirements

IT 130	Java Programming
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IT 205	Computer Technology *
IT 305	OR Computer Networking
IT 230	Advanced Java Programming
IT 340	Data Structures and Algorithms
MA 181	Calculus *
MA 260	Discrete Mathematics for Information Technology *

Data Science (Minor)

A minor in data science complements programs such as business, biology, and mathematics, as data science is a major career option in the business and science fields.

Minimum Grade Requirements: A minimum grade of C is required in any course within the data science minor.

Residency Requirement: Students must complete at least 12 credits of the minor requirements at Marymount.

Minor Requirements

MA 181	Calculus *
MSC 300	Advanced Business Statistics *
MA 132	OR Statistical Analysis *
IT 310	Database Technology
MSC 310	Decision Analysis
MSC 325	Data Analytics
IT 385	Managing Big Data
MSC 385	Current Topics in Data Science
MSC 390	Data Science Applications

Forensic Computing (Minor)

This program provides students with the knowledge required by the International Society of Forensic Computer Examiners for their Certified Computer Examiner standing.

This minor is offered jointly by the Department of Information Technology, Data Science, and Cybersecurity in the School of Business and Technology and the Department of Criminal Justice in the School of Sciences, Mathematics, and Education.

Minimum Grade Requirements: A minimum grade of C is required in any course within the forensic computing minor.

Residency Requirement: Students must complete at least 12 credits of the minor requirements at Marymount.

Minor Requirements

CJ 320	Cybercrime and Digital Terrorism
IT 120	Cybersecurity Principles *
IT 335	OR Corporate Cybersecurity
IT 130	Java Programming
IT 205	Computer Technology *
IT 230	Advanced Java Programming
IT 305	Computer Networking
IT 370	Computer Forensics

Information Technology (Minor)

A minor in information technology is a valuable complement to many programs, particularly business administration, as computers play an increasingly important role in today's workplace.

Minimum Grade Requirements: A minimum grade of C is required in any course within the information technology minor.

Residency Requirement: Students must complete at least 12 credits of the minor requirements at Marymount.

Minor Requirements

IT 110	Information Technology in the Global Age *
IT 120	Cybersecurity Principles *
IT 335	OR Corporate Cybersecurity
IT 130	Java Programming
IT 125	OR Web Development
IT 205	Computer Technology *
IT 210	Software Engineering *
IT 305	Computer Networking
MSC 345	Project Management

Data Science (Post-Baccalaureate Certificate)

Note: Students will not be admitted to this program for the 2019-2020 academic year.

This program is for students who have previously earned a bachelor of science (B.S.) degree in any discipline. The certificate is designed to prepare individuals for a data scientist position in the specific industry related to their initial degree. Title IV federal financial aid is not available for this certificate program, but private and institutional aid may be available.

Admission Requirements: In addition to meeting universitywide requirements for post-baccalaureate

certificate admissions, the student must demonstrate knowledge of high school algebra. Students with insufficient mathematics preparation will be advised to take appropriate undergraduate courses to prepare for the certificate curriculum.

Program Completion Requirement: All coursework must be completed at Marymount University within three years of matriculation.

Certificate Requirements

This certificate requires 24 credits.

MA 181	Calculus * or equivalent
MSC 300	Advanced Business Statistics *
MA 132	OR Statistical Analysis *
IT 310	Database Technology
MSC 310	Decision Analysis
MSC 325	Data Analytics
IT 385	Managing Big Data
MSC 385	Current Topics in Data Science
MSC 390	Data Science Applications

Interdisciplinary Studies**Applied Statistics (Minor)**

Understanding statistics and data analysis is an increasingly valuable skill — both in the job market and in civic life. This minor provides this skill and is open to students in any major.

To fulfill the requirements of the minor, all students will take the following coursework in the sequence determined in collaboration with a faculty advisor.

Minor Requirements

MA 218	Probability and Statistics *
MA 230	Scientific Computing

A minimum of nine (9) additional credits from the following with a minimum of one 300-level course and one 400-level course selected from this list:

ECO 335	Econometrics
MA 318	Data Analysis with R
MSC 300	Advanced Business Statistics *
MSC 325	Data Analytics
ECO 450	Research Methods in Economics *
MA 418	Stochastic Modeling
MSC 430	Statistical Analysis of Time Series

Students are highly encouraged (but not required) to enroll in a calculus sequence: MA 171 and MA 172 or MA 181 and MA 200.

International Studies (Minor)

See international studies minor (p. 129) under interdisciplinary studies in the School of Design, Arts, and Humanities.

Law (Minor)

This interdisciplinary minor is open to students in any major. It is designed for the students who are interested in learning about the law or interested in attending law school. It introduces students to the law and focuses on substantive law and constitutional law. In addition, legal writing and research are key components of multiple courses.

Minimum Grade Requirement: Cumulative GPA of a 2.0 or better in courses used to fulfill the minor requirements.

Residency Requirement: Students must complete at least 12 credits of the minor requirements at Marymount.

Minor Requirements

LA 280	Introduction to the Legal System
LA 301	Civil Litigation
LA 302	Criminal Litigation
PH 300	Modern Logic *
POL 335	American Constitutional Law I
POL 336	American Constitutional Law II

For BBA or ECO students only: LA 249 or ECO 353

Public Health (Minor)

See public health minor (p. 152) under interdisciplinary studies in the Malek School of Health Professions.

Social Entrepreneurship (Minor)

This interdisciplinary minor is open to students in any major. It is designed for students who are socially minded entrepreneurs who want to develop skills in the nonprofit and for-profit sectors. Students analyze social issues in today's global economy and learn how to apply business skills to address those issues, thereby fostering change. Students will be required to complete a community-based project of inquiry for their final project.

This minor provides students with the opportunity to develop their sense of civic responsibility and business

prowess to address social issues through enterprise. The social entrepreneurship minor allows students to take courses in both the School of Business and Technology and the School of Sciences, Mathematics, and Education. This minor also provides a strong base for future additional studies in business, sociology, education, and law.

Minor Requirements

MGT 315	Entrepreneurship
MKT 301	Principles of Marketing
MSC 355	Managing Social Projects
SOC 131	Principles of Sociology in Global Perspective *
SOC 203	OR The Global Village *
SOC 350	Social Justice *
SOC 351	Addressing Injustice: Research Methods *

One (1) course from the following:

SOC 421	Project
SOC 433	Research *
MGT 490	Internship *
MGT 499	Independent Study

MGT 490: as a community-based inquiry/service-learning opportunity

Sustainability (Minor)

The minor in sustainability prepares students from any major to become environmentally literate citizens who can incorporate sustainable practices in their lives and careers. As an interdisciplinary program, it provides students with the opportunity to focus and refine the knowledge gained from their own fields of study by adding the perspective of other disciplines.

Minor Requirements

BIO 110	Introduction to Environmental Science *
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A minimum of twelve (12) additional credits from the following:

GEOL 102	Principles of Geology *
ECO 304	Environmental Economics *
ID 336	Principles of Sustainable Design
IS 205	Introduction to Sustainability
MKT 204	Sustainable Marketing *
PH 303	Animals, the Environment, and Ethics *
POL 375	Politics of Environmental Issues *
SOC 351	Addressing Injustice: Research Methods *
	Sustainability-themed sections of DSC 101
	Sustainability-themed sections of DSC 201
	Sustainability-themed study abroad courses
	Project or internship in the student's major field in the area of sustainability

School of Design, Arts, and Humanities

Dean: Dr. Christina A. Clark

The School of Design, Arts, and Humanities supports the university's objectives to provide a fundamental grounding in the liberal arts through programs of study in design, the fine and applied arts, and the humanities.

At the undergraduate level, the school offers degree programs in art, communication, English, fashion design, fashion merchandising, history, interior design, liberal studies, media design, philosophy, politics, and theology and religious studies. At the graduate level, the school offers programs in interior design and literature, language, and the humanities.

Undergraduate students seeking teaching licensure on the secondary level (grades 6-12) in English or history follow a prescribed program of studies that both fulfills the requirements of their major discipline and leads to secondary teaching licensure. The program in art education leads to licensure to teach students in kindergarten through 12th grade.

In addition, the School of Design, Arts, and Humanities offers many of the courses that fulfill the Liberal Arts Core and University Requirements.

Art

Art (B.A.)

The art program provides an education in diverse media and focuses on creating, studying, and evaluating art. The program capitalizes on Marymount faculty expertise in fine arts and profits from easy access to the many art galleries and museums in the greater Washington, DC, region.

Upon successful completion of the art program, students will be able to

- skillfully differentiate, select, and apply visual arts media, techniques, and processes;
- differentiate and interpret meaning in the visual arts from past to present by researching cultural and historical context;
- integrate academic knowledge with the work environment; and
- effectively present and exhibit portfolio-quality work.

Foundation courses in design, drawing, and art history introduce basic skills of observation and visual

communication, and many are open to all Marymount students. The studio courses provide rigorous training in the necessary skills for creating art in any medium, and art history courses supply a background in the traditions of visual art and the opportunity to analyze works of art in greater detail. At the end of the sophomore year, students demonstrate skills from the foundation studio courses by preparing a professional portfolio, which is required to continue in the major.

After completing the foundation curriculum, art majors broaden their studio experience by enrolling in courses that apply their foundation skills in a variety of artistic media. Art majors also take upper-division courses in art history, one of which focuses on art in the modern world, and complete an internship in a regional art agency, gallery, or museum, or an apprenticeship under a professional artist. Students complete their studies at the senior level by creating a body of work that demonstrates their breadth of talent and by assembling a new portfolio of work that highlights their skills and achievements. Their work is evaluated by departmental faculty and invited guests, and it is juried for a group exhibition on campus that is open to the public.

Marymount also offers degree tracks that lead to specific careers in the arts. The arts administration track combines the studio art degree with strong training in organizational and financial management, data literacy, legal and ethical issues, entrepreneurship, and marketing. Together these classes provide students with the skills they need to manage institutions that seek to promote the creation, production, and distribution of the arts.

The pre-art therapy track provides a full curriculum of art classes plus the psychology courses needed for entry into a graduate program to earn the master's degree that is required to be a practicing art therapist. The undergraduate pre-art therapy degree can also prepare students to pursue graduate studies in related fields such as mental health counseling and counseling psychology.

The art major also leaves a sufficient number of university electives for non-track majors to pursue other minors, allowing students the opportunity to prepare themselves for professional careers in the arts.

Communication, Media, and Graphic Design: Art majors who wish to prepare for non-management positions in art galleries, corporations, nonprofit organizations, and government agencies might earn a

minor in communication or graphic and media design, which further develops skills in communication, design techniques, new technologies, and their graphic and media applications.

Illustration: Art majors hoping to pursue illustration commissions, employment, and graduate studies should pursue a minor in illustration and consult with their advisor on choosing the proper elective courses in traditional and digital art.

Ceramics: Art majors interested in making and marketing their own ceramics, prototyping and producing ceramics wares, or pursuing graduate-level research in ceramics should add a ceramics minor.

Art History: Art majors interested in museum work should seek an advanced degree in art history. The art history minor can help prepare students for entry into a graduate program. This minor is also an excellent choice for students who are interested in expanding their knowledge of art and engaging with works in the Washington, DC, region.

Students should also consult with a School of Design, Arts, and Humanities advisor about the interdisciplinary plan for liberal studies majors and the interdisciplinary media and performance studies minor.

Minimum Grade Requirement: A minimum grade of C is required in any fine arts course that counts toward the art degree. Students also must pass FA 295 Sophomore Portfolio in order to continue in the major.

Degree Requirements — Art

This degree requires a total of 120 credits.

Liberal Arts Core and University Requirements

See University Requirements and the Liberal Arts Core (p. 59) for details. Art majors will satisfy the three-course university Writing Intensive (WI) requirement in the following way: FA 380 Movements in Modern Art, FA 410 Topics in Art History, and a second section of FA 410 or one further Writing Intensive course in the Liberal Arts Core.

Major Requirements

To fulfill the requirements of this major, all students in this program will take the following courses in a sequence determined in collaboration with a faculty advisor.

Foundation Courses

Design

FA 103	Two-Dimensional Design
FA 104	Color Theory *
FA 210	Three-Dimensional Design

Drawing

FA 105	Drawing I *
FA 205	Drawing II

Art History

FA 201	Introduction to Art History: Ancient to Medieval *
FA 202	OR Introduction to Art History: Renaissance to Modern *

Gateway

FA 295	Sophomore Portfolio
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Fine Arts Requirements

FA 380	Movements in Modern Art *
FA 395	Advanced 2-D Studio *
FA 396	OR Advanced Ceramics and 3-D Studio *
FA 400	Internship *
FA 410	Topics in Art History *
FA 422	Senior Project *
FA 427	Senior Portfolio
	Nine (9) credits in fine arts studio electives, in three (3) different media

Arts Administration Track

Students in the arts administration track should add the following courses:

Required Courses

ACT 201	Principles of Accounting I
LA 248	Business Law I
MA 132	Statistical Analysis *
MGT 123	The Business Experience
MGT 291	Business Communication *
MGT 304	Organizational Management
MKT 301	Principles of Marketing
PH 305	Business Ethics *

Required Electives

One (1) economics course from the following:

ECO 210	Principles of Microeconomics *
ECO 211	Principles of Macroeconomics *

Required Electives

One (1) advanced business course from the following:

MGT 315	Entrepreneurship
MKT 310	Event Planning
MKT 319	Advertising and Integrated Marketing Communications
MSC 310	Decision Analysis
MSC 337	Operations Management
MSC 345	Project Management
ECO 330	Managerial Economics *

Required Electives

One (1) introductory sociology course from the following:

SOC 203	The Global Village *
SOC 204	Cultural Diversity *
SOC 251	Working for Justice, Working for Change *

Required Electives

One (1) advanced sociology course from the following:

SOC 306	Poverty, Wealth, and Inequality *
SOC 350	Social Justice *
SOC 385	Global Inequality and Community Development *

Required Courses

PSY 101	General Psychology *
PSY 105	General Psychology Laboratory
PSY 110	Human Growth and Development *
PSY 230	Abnormal Psychology *
PSY 330	Counseling Theories and Process *

Pre-Art Therapy Track

Students in the Pre-Art Therapy Track should add the following courses:

Required Courses

PSY 101	General Psychology *
PSY 105	General Psychology Laboratory
PSY 110	Human Growth and Development *
PSY 230	Abnormal Psychology *
PSY 330	Counseling Theories and Process *

Required Electives

One (1) advanced psychology course from the following:

PSY 311	Early Childhood Development *
PSY 312	Adolescent Psychology
PSY 313	Adulthood and Aging *

Sample Degree Plan — Art

Please note that this is a sample plan; all students must consult with an advisor in making course selections. This plan will differ for students who wish to pursue any minor.

Year One — Fall

FA 103	Two-Dimensional Design
FA 105	Drawing I *
EN 101	Composition I *
TRS 100	Theological Inquiry *
DSC 101	DISCOVER First-Year Seminar *

EN 101: WR core course

TRS 100: TRS-1 core course

Year One — Spring

FA 104	Color Theory *
FA 210	Three-Dimensional Design
EN 102	Composition II *
HI	Introductory History (HI-1) core course *
MA	Mathematics (MT) core course *

EN 102: WR core course

Year Two — Fall

FA 205	Drawing II
	One (1) fine arts studio elective
PH 100	Introduction to Philosophy *
EN	Introductory Literature (LT-1) core course *
	Introductory Social Science (SS-1) core course *

FA studio elective: See Major Requirements above for course selections.

PH 100: PH-1 core course

Year Two — Spring

FA 201	Introduction to Art History: Ancient to Medieval *
FA 202	OR Introduction to Art History: Renaissance to Modern *
FA 295	Sophomore Portfolio
	One (1) fine arts studio elective
	Introductory Social Science (SS-1) core course *

	Natural Science (NS) core course with lab *
	One (1) elective

FA 202: FNA core course

FA studio elective: See Major Requirements above for course selections.

Year Three — Fall

FA 380	Movements in Modern Art *
	OR
FA 410	Topics in Art History *
	One (1) fine arts studio elective
	Advanced Literature (LT-2) or Advanced History (HI-2) core course *
	Introductory Social Science (SS-1) or Natural Science (NS) core course *
	One (1) elective

FA studio elective: See Major Requirements above for course selections.

Year Three — Spring

FA 380	Movements in Modern Art *
	OR
FA 410	Topics in Art History *
FA 395	Advanced 2-D Studio *
	OR
FA 396	Advanced Ceramics and 3-D Studio *
PH	Advanced Philosophy (PH-2) or Philosophical Ethics (PH-E) core course *
	Advanced Social Science (SS-2) core course *
	One (1) elective

Year Four — Fall

FA 422	Senior Project *
	Advanced Theology/Religious Studies (TRS-2) or Theological Ethics (TRS-E) core course *
	Three (3) electives

Year Four — Spring

FA 400	Internship *
FA 427	Senior Portfolio
	Three (3) electives

Sample Degree Plan — Arts Administration Track

Please note that this is a sample plan; all students must consult with an advisor in making course selections. This plan will differ for students who wish to pursue any minor.

Year One — Fall

FA 103	Two-Dimensional Design
FA 105	Drawing I *
EN 101	Composition I *
MA 132	Statistical Analysis *
DSC 101	DISCOVER First-Year Seminar *

EN 101: WR core course

FA 105: FNA core course

MA 132: MT core course

Year One — Spring

FA 104	Color Theory *
	One (1) fine arts studio elective
EN 102	Composition II *
TRS 100	Theological Inquiry *
ECO	Introductory Social Science (SS-1) core course (economics) *

EN 102: WR core course

TRS 100: TRS-1 core course

Fine Arts studio elective: See Major Requirements above for course selections.

Introductory economics (SS-1) core course: See Major Requirements above for course selections.

Year Two — Fall

FA 205	Drawing II
	One (1) fine arts studio elective
MGT 123	The Business Experience
PH 100	Introduction to Philosophy *
	Introductory Social Science (SS-1) core course (sociology) *

PH 100: PH-1 core course

Fine Arts studio elective: See Major Requirements above for course selections.

Introductory sociology (SS-1) core course: See Major Requirements above for course selections.

Year Two — Spring

FA 201	Introduction to Art History: Ancient to Medieval *
	OR
FA 202	Introduction to Art History: Renaissance to Modern *
FA 210	Three-Dimensional Design
FA 295	Sophomore Portfolio
ACT 201	Principles of Accounting I
LA 248	Business Law I
EN	Introductory Literature (LT-1) core course *

FA 202: FNA core course

Year Three — Fall

FA 380	Movements in Modern Art *
FA 410	OR Topics in Art History *
	One (1) fine arts studio elective
MKT 301	Principles of Marketing
SOC	Advanced Social Science (SS-2) core course (sociology) *
HI	Introductory History (HI-1) core course *

Fine Arts studio elective: See Major Requirements above for course selections.

Advanced sociology (SS-2) core course: See Major Requirements above for course selections.

Year Three — Spring

FA 380	Movements in Modern Art *
FA 410	OR Topics in Art History *
FA 395	Advanced 2-D Studio *
FA 396	OR Advanced Ceramics and 3-D Studio *
PH 305	Business Ethics *
	Advanced Theology/Religious Studies (TRS-2) core course *
	Natural Science (NS) core course with lab *

PH 305: PH-E core course

Year Four — Fall

FA 422	Senior Project *
MGT 291	Business Communication *
MGT 304	Organizational Management
	One (1) advanced business elective
	One (1) elective

Advanced Business Elective: See Major Requirements above for course selections.

Year Four — Spring

FA 400	Internship *
FA 427	Senior Portfolio
	Introductory Social Science (SS-1) or Natural Science (NS) core course *
	Advanced Literature (LT-2) or Advanced History (HI-2) core course *
	Two (2) electives

Sample Degree Plan — Pre-Art Therapy Track

Please note that this is a sample plan; all students must consult with an advisor in making course selections. This plan will differ for students who wish to pursue any minor.

Year One — Fall

FA 103	Two-Dimensional Design
FA 105	Drawing I *
PSY 101	General Psychology *
PSY 105	General Psychology Laboratory
EN 101	Composition I *
DSC 101	DISCOVER First-Year Seminar *

EN 101: WR core course

Year One — Spring

FA 104	Color Theory *
FA	Studio Elective
EN 102	Composition II *
TRS 100	Theological Inquiry *
MA	Mathematics (MT) core course *

EN 102: WR core course

TRS 100: TRS-1 core course

Year Two — Fall

FA 205	Drawing II
FA 213	Painting *
PSY 110	Human Growth and Development *
PH 100	Introduction to Philosophy *
EN	Introductory Literature (LT-1) core course *

PH 100: PH-1 core course

PSY 110: SS-1 core course

Year Two — Spring

FA 202	Introduction to Art History: Renaissance to Modern *
FA 201	OR Introduction to Art History: Ancient to Medieval *
FA 210	Three-Dimensional Design
FA 295	Sophomore Portfolio
PSY 230	Abnormal Psychology *
HI	Introductory History (HI-1) core course *
	Introductory Social Science (SS-1) core course *

FA 202 or FA 201: FNA core course

PSY 230: SS-2 core course

Year Three — Fall

FA 380	Movements in Modern Art *
FA 410	OR Topics in Art History *
	One (1) fine arts studio elective
PSY 330	Counseling Theories and Process *
	Natural Science (NS) core course with lab (biology recommended) *
	One (1) elective

Fine Arts studio elective: See Major Requirements above for course selections.

Year Three — Spring

FA 380	Movements in Modern Art *
FA 410	OR Topics in Art History *
FA 396	Advanced Ceramics and 3-D Studio *
	One (1) advanced PSY elective
	Introductory Social Science (SS-1) or Natural Science (NS) core course *
	One (1) elective

Advanced PSY elective: See Major Requirements above for course selections.

Year Four — Fall

FA 422	Senior Project *
	Advanced Literature (LT-2) or Advanced History (HI-2) core course *
	Advanced Theology/Religious Studies (TRS-2) or Theological Ethics (TRS-E) core course *
	Two (2) electives

Year Four — Spring

FA 400	Internship *
FA 427	Senior Portfolio
PH	Advanced Philosophy (PH-2) or Philosophical Ethics (PH-E) core course *
	Two (2) electives

* Fulfills Liberal Arts Core/University Requirements. See University Requirements and the Liberal Arts Core (p. 59) and the Course Descriptions (p. 203) for further information.

Art with K-12 Teaching Licensure (B.A. in Art)

This program of study allows students to complete a baccalaureate degree in art and also be licensed to teach art at the K-12 level at the end of four years. Students pursuing licensure in this manner complete all requirements necessary for Virginia licensure, including field experience and student teaching.

Admission Requirements: Students in this program must seek admission to the teacher licensure program and apply for student teaching. See the education section (p. 182) for admission requirements and procedures.

Degree Planning: Students in this program must take courses as specified to ensure fulfillment of state licensure requirements. In addition to working with an art advisor, students must see an education advisor in

the School of Sciences, Mathematics, and Education for further information.

Also, course rotations vary, and not every course is available each semester. Individual advising is important to ensure students meet all major and teaching licensure requirements.

Minimum Grade Requirements: Students must maintain a 3.0 grade point average in their major. A grade of a C or better is required in professional studies courses. Professional studies courses are those associated with teacher preparation. An overall 2.5 GPA is required.

Degree Requirements — Art with K-12 Teaching Licensure (B.A. in Art)

This degree requires a total of 120 credits.

Liberal Arts Core and University Requirements

See University Requirements and the Liberal Arts Core (p. 59) for details. Art education majors will satisfy the three-course university Writing Intensive (WI) requirement in the following way: FA 380 Movements in Modern Art, FA 410 Topics in Art History, and a second section of FA 410 or one further Writing Intensive course in the Liberal Arts Core.

Major Requirements

To fulfill the requirements of the major, all students in this program will take the following coursework in a sequence determined in collaboration with a faculty advisor. Some courses also satisfy Liberal Arts Core and/or University Requirements. Some coursework fulfills teaching licensure requirements as specified by the Commonwealth of Virginia.

Foundation Courses**Liberal Arts Core and University Requirements**

See University Requirements and the Liberal Arts Core for details. Art education majors will satisfy the three-course university Writing Intensive (WI) requirement in the following way: FA 380 Movements in Modern Art, FA 410 Topics in Art History, and a second section of FA 410 or one further Writing Intensive course in the Liberal Arts Core.

Major Requirements

To fulfill the requirements of the major, all students in this program will take the following coursework in a sequence determined in collaboration with a faculty advisor. Some courses also satisfy Liberal Arts Core

and/or University Requirements. Some coursework fulfills teaching licensure requirements as specified by the Commonwealth of Virginia.

Foundation Courses

Design

FA 103	Two-Dimensional Design
FA 104	Color Theory *
FA 210	Three-Dimensional Design

Drawing

FA 105	Drawing I *
FA 205	Drawing II

Art History

FA 201	Introduction to Art History: Ancient to Medieval *
FA 202	Introduction to Art History: Renaissance to Modern *

Gateway

FA 295	Sophomore Portfolio
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Fine Arts Requirements

FA 107	Hand-Built Ceramics *
	OR
FA 215	Wheel-Thrown Ceramics *
FA 211	Printmaking *
FA 213	Painting *
FA 380	Movements in Modern Art *
FA 410	Topics in Art History *
FA 422	Senior Project *
FA 427	Senior Portfolio
	Three (3) credits in fine arts studio or digital art electives

Professional Study

ED 200	Foundations of Teaching and Learning
ED 254	Technology for the K-12 Classroom
ED 337	Literacy in the Content Areas
ED 338	Secondary Education: Curriculum and Methods
ED 351	Assessment to Support Learning in K-12
ED 357	Teaching Social Studies and Visual Arts *
ED 452	Managing the K-12 Classroom
ED 460S	Student Teaching: Secondary Level *
PSY 110	Human Growth and Development *
PSY 341	Psychology of Individuals with Exceptionalities *

ED 452 and ED 460S must be taken at the same time.

Sample Degree Plan — Art with K-12 Teaching Licensure (B.A. in Art)

Please note that this is a sample plan; all students must consult with an advisor in making course selections. This plan will differ for students who wish to pursue any minor.

Year One — Fall

FA 103	Two-Dimensional Design
FA 105	Drawing I *
EN 101	Composition I *
MA	Mathematics (MT) core course *
DSC 101	DISCOVER First-Year Seminar *

EN 101: WR core course

Year One — Spring

FA 104	Color Theory *
FA 107	Hand-Built Ceramics *
	OR
FA 215	Wheel-Thrown Ceramics *
EN 102	Composition II *
PSY 110	Human Growth and Development *
	Natural Science (NS) core course with lab *

EN 102: WR core course

PSY 110: SS-1 core course

Year Two — Fall

FA 201	Introduction to Art History: Ancient to Medieval *
FA 205	Drawing II
ED 200	Foundations of Teaching and Learning
ED 254	Technology for the K-12 Classroom
TRS 100	Theological Inquiry *
EN	Introductory Literature (LT-1) core course *

FA 201: FNA core course

TRS 100: TRS-1 core course

Year Two — Spring

FA 202	Introduction to Art History: Renaissance to Modern *
FA 210	Three-Dimensional Design
FA 295	Sophomore Portfolio
ED 351	Assessment to Support Learning in K-12
PH 100	Introduction to Philosophy *
HI	Introductory History (HI-1) core course *

PH 100: PH-1 core course

Year Three — Fall

FA 213	Painting *
FA 410	Topics in Art History *
ED 338	Secondary Education: Curriculum and Methods
	Advanced Literature (LT-2) or Advanced History (HI-2) core course *
	Introductory Social Science (SS-1) core course *

Year Three — Spring

FA 211	Printmaking *
FA 395	Advanced 2-D Studio *
FA 396	Advanced Ceramics and 3-D Studio *
ED 337	Literacy in the Content Areas
PSY 341	Psychology of Individuals with Exceptionalities *
PH	Advanced Philosophy (PH-2) or Philosophical Ethics (PH-E) core course *

PSY 341: SS-2 core course

Year Four — Fall

FA 380	Movements in Modern Art *
FA 422	Senior Project *
ED 357	Teaching Social Studies and Visual Arts *
	Advanced Theology/Religious Studies (TRS-2) or Theological Ethics (TRS-E) core course *
	One (1) elective

Year Four — Spring

FA 427	Senior Portfolio
ED 452	Managing the K-12 Classroom
ED 460S	Student Teaching: Secondary Level *
	Introductory Social Science (SS-1) or Natural Science (NS) core course *

* Fulfills Liberal Arts Core/University Requirements. See University Requirements and the Liberal Arts Core (p. 59) and the Course Descriptions (p. 203) for further information.

B.A. in Art to M.B.A. Program

This pre-M.B.A. program allows advanced art students to begin to pursue their M.B.A. degree while completing their undergraduate program. If students begin their graduate coursework while completing their undergraduate programs, they could earn their undergraduate and graduate degrees at an accelerated rate.

Art students can supplement their undergraduate coursework with up to six credits of specified M.B.A. graduate courses. The M.B.A. courses would satisfy both graduate and undergraduate program requirements.

Students would be allowed to enroll in up to four graduate-level M.B.A. courses while completing undergraduate coursework; however, only two of those courses (six credits) would be eligible for application to the undergraduate degree. If students opt to take an additional two courses at the graduate level while completing the undergraduate degree, these courses would only apply to the graduate program requirements. All four graduate courses would satisfy M.B.A. program requirements.

Admission Requirements

In addition to meeting the universitywide undergraduate admission requirements, students are permitted to submit an application and, if approved, take graduate M.B.A. courses if they have

- at least 60 credits but no more than 90 credits and
- a minimum cumulative GPA of 3.4.

MBA Courses

MBA 511	Management Foundations
MBA 512	Accounting for Managers
MBA 515	Management in Organizations
MBA 521	Marketing Concepts and Practice

Art History (Minor)**Minor Requirements**

FA 201	Introduction to Art History: Ancient to Medieval *
FA 202	Introduction to Art History: Renaissance to Modern *

Nine (9) additional credits, choosing from the following (at least six credits must be in art history courses with an FA prefix):

FA 380	Movements in Modern Art *
FA 410	Topics in Art History *
AA 361	Survey of Fashion *
AA 412	The Great Designers
EN 220	The Movie or the Book? Narrative Adaptation in the Cinema *
IS 220	OR The Movie or the Book? Narrative Adaptation in the Cinema *
EN 240	Introduction to Film and Visual Studies *
IS 240	OR Introduction to Film and Visual Studies *

GMD 301	History of Graphic Design *
ID 350	History of Interiors I
ID 351	History of Interiors II
PH 370	Philosophy of Art *

FA 410: can be taken multiple times

Ceramics (Minor)

Minor Requirements

FA 107	Hand-Built Ceramics *
FA 215	Wheel-Thrown Ceramics *
FA 222	Mold Making and Slip Casting
FA 225	Glaze and Clay Formulation
FA 396	Advanced Ceramics and 3-D Studio *

Three (3) additional credits, choosing from the following:

FA 103	Two-Dimensional Design
FA 105	Drawing I *
FA 205	Drawing II
FA 209	Figure Drawing
FA 210	Three-Dimensional Design
FA 422	Senior Project *

Illustration (Minor)

Minor Requirements

FA 105	Drawing I *
FA 205	Drawing II
FA 209	Figure Drawing
FA 104	Color Theory *
FA 213	Painting *
GMD 202	Illustration I *

Three (3) additional credits, choosing from the following:

FA 104	Color Theory *
FA 205	Drawing II
FA 209	Figure Drawing
FA 211	Printmaking *
FA 213	Painting *
FA 395	Advanced 2-D Studio *
FA 422	Senior Project *
GMD 303	Illustration II

Studio Art (Minor)

Minor Requirements

FA 103	Two-Dimensional Design
FA 105	Drawing I *

Nine (9) additional credits, choosing from the following:

FA 104	Color Theory *
FA 107	Hand-Built Ceramics *
FA 205	Drawing II
FA 209	Figure Drawing
FA 210	Three-Dimensional Design
FA 211	Printmaking *
FA 213	Painting *
FA 215	Wheel-Thrown Ceramics *
FA 395	Advanced 2-D Studio *
FA 422	Senior Project *

Communication

Communication (B.A.)

Marymount University's B.A. in Communication prepares students for 21st century communication careers. The communication degree program capitalizes on our location next to the nation's capital by connecting students with exciting opportunities to gain real-world experience. Students acquire the skills to create journalistic, persuasive, and strategic communication materials and campaigns for face-to-face, digital, print, and broadcast media. All communication majors complete an internship during their time at Marymount. Course assignments include the creation of materials for professional portfolios that are an asset to students seeking jobs and internships. In addition to practical skills, courses give students a foundation in communication theory, research, and ethics so that they may become responsible and effective communication professionals. Communication courses prepare students for many different types of communication fields as well as graduate and law school. Courses in the major hone students' critical, analytic, writing, and presentation skills.

Upon successful completion of the communication major, students will be able to

- demonstrate the effective use of research skills and the ability to gather data from diverse sources;
- apply communication concepts and theories in the use and presentation of images and information;
- write correctly and clearly in forms and styles appropriate for the communication professions, audiences, and purposes they serve;
- demonstrate oral communication skills and an ability to articulate ideas, feelings, and attitudes to a target audience; and

- apply tools and technologies appropriate for the communication professions in which they work.

Minimum Grade Requirements: There is a minimum grade requirement of C- in COMM 100, COMM 101, COMM 206, and COMM 209 for all communication majors.

Program Requirement: It is recommended that communication majors purchase a personal computer.

Transfer Courses: Transfer courses for the communication major should have direct equivalences to Marymount's communication courses. If they do not, a maximum of two courses will be counted toward satisfying Marymount's communication curriculum.

Degree Requirements — Communication

This degree requires a total of 120 credits.

Liberal Arts Core and University Requirements

See University Requirements and the Liberal Arts Core (p. 59) for details. Communication majors will satisfy the three-course university Writing Intensive (WI) requirement by choosing among COMM 209 Contemporary Journalism, COMM 304 Media Criticism, COMM 315 Writing for Digital Media, and other WI courses in the Liberal Arts Core or university electives.

Major Requirements

Students will take the following coursework in a sequence determined in collaboration with a faculty advisor. *Note: If students opt to take more than two courses in the Digital Media category, the additional courses may substitute for electives in the major.* Some courses also satisfy Liberal Arts Core and/or University Requirements.

Required

Four (4) courses required for a total of twelve (12) credits.

COMM 100	Introduction to Media Communication
COMM 101	Public Speaking
COMM 206	Introduction to Public Relations
COMM 209	Contemporary Journalism *

Senior Requirements

Two (2) courses required for a total of six (6) credits.

COMM 400	Internship *
COMM 425	Senior Seminar in Communication *

Digital Media

Choose at least two (2) courses for a total of six (6) credits:

COMM 204	Video Production: Multimedia Communication
COMM 307	Broadcast Writing and Delivery
COMM 315	Writing for Digital Media *
GMD 200	Electronic Publishing
GMD 308	Web and Social Media Design

Electives in the Major

Choose at least seven (7) courses for a total of twenty-one (21) credits:

COMM 201	Research Methods in Communication
COMM 220	Intercultural Communication *
COMM 302	Public Relations Writing and Media Techniques
COMM 304	Media Criticism *
COMM 310	Career and Professional Communication
COMM 399	Topics in Communication
COMM 401	Public Relations Case Studies
COMM 402	Organizational Communication *
COMM 403	Principles of Communication Law
COMM 421	Project
COMM 433	Research *
GMD 102	Visual Communications and Design
GMD 205	Video Production: Promotional and Informational Communication

Sample Degree Plan — Communication

Please note that this is a sample plan; all students should consult with an advisor in making course selections.

Year One — Fall

COMM 100	Introduction to Media Communication
COMM 101	Public Speaking
EN 101	Composition I *
MA	Mathematics (MT) core course *
DSC 101	DISCOVER First-Year Seminar *

EN 101: WR core course

Year One — Spring

COMM 206	Introduction to Public Relations
EN 102	Composition II *
TRS 100	Theological Inquiry *
	Introductory Social Science (SS-1) core course *
	Natural Science (NS) core course with lab *

EN 102: WR core course

TRS 100: TRS-1 core course

Year Two — Fall

COMM 209	Contemporary Journalism *
	One (1) communication digital media course
EN	Introductory Literature (LT-1) core course *
HI	Introductory History (HI-1) core course *
	Introductory Social Science (SS-1) core course *

Communication digital media course: See Major Requirements above for course selections.

Year Two — Spring

	One (1) communication digital media course
PH 100	Introduction to Philosophy *
	Fine Arts (FNA), Advanced Literature (LT-2), or Advanced History (HI-2) core course *
	Advanced Theology/Religious Studies (TRS-2) or Theological Ethics (TRS-E) core course *
	One (1) general elective

Communication digital media course: See Major Requirements above for course selections.

PH 100: PH-1 core course

Year Three — Fall

	Two (2) communication elective courses
PH	Advanced Philosophy (PH-2) or Philosophical Ethics (PH-E) core course *
	Advanced Social Science (SS-2) core course *
	One (1) elective

Communication elective courses: See Major Requirements above for course selections.

Year Three — Spring

	Three (3) communication elective courses
	Two (2) general electives

Communication elective courses: See Major Requirements above for course selections.

Year Four — Fall

COMM 400	Internship *
	Two (2) communication elective courses
	Introductory Social Science (SS-1) or Natural Science (NS) core course *

Communication elective courses: See Major Requirements above for course selections.

Year Four — Spring

COMM 425	Senior Seminar in Communication *
	Fine Arts (FNA), Advanced Literature (LT-2), or Advanced History (HI-2) core course *
	Three (3) electives

* Fulfills Liberal Arts Core/University Requirements.

See University Requirements and the Liberal Arts Core (p. 59) and the Course Descriptions (p. 203) for further information.

Communication (B.A.) 3+3 Partnership with Catholic University Law School

Marymount has a direct-entry affiliation agreement with Catholic University's Columbus School of Law. This enables qualified third-year Marymount students in designated majors to be admitted to the first year of law school during their senior year at Marymount.

Communication students who are interested in direct entry to the Columbus School of Law after their junior year at Marymount should discuss the 3+3 partnership with their major advisor as soon as they become interested. The advisor will guide students through the selection of Marymount courses and refer them to the Office of Admissions of the Columbus School of Law as potential applicants. Qualified students may receive credit from both Marymount and Catholic University for a maximum of 29 credits taken at the Columbus School of Law. For more information and details on eligibility, please see Pre-Law Studies and Advising (p. 68).

Sample Degree Plan — Communication 3+3 Partnership with Catholic University Law School

Please note that this is a sample plan; all students should consult with an advisor in making course selections. Students can fulfill the Global Perspective (GP) requirement through their Liberal Arts Core Social Science (SS-1, SS-2) and/or advanced PH or TRS courses. COMM 403 Communication Law will substitute for COMM 400 Internship, and the Experiential Learning (EXP) requirement will be met through the CUA law courses and the 2nd year law school clerkship.

Year One — Fall

COMM 100	Introduction to Media Communication
EN 101	Composition I *
	Introductory Social Science (SS-1) core course *
MA	Mathematics (MT) core course *
DSC 101	DISCOVER First-Year Seminar *

EN 101: WR core course

Year One — Spring

COMM 101	Public Speaking
COMM 206	Introduction to Public Relations
EN 102	Composition II *
TRS 100	Theological Inquiry *
	Natural Science (NS) core course with lab *

EN 102: WR core course

TRS 100: TRS-1 core course

Year Two — Fall

COMM 209	Contemporary Journalism *
	One (1) communication elective course
HI	Introductory History (HI-1) core course *
EN	Introductory Literature (LT-1) core course *
	Introductory Social Science (SS-1) core course *

Year Two — Spring

PH 100	Introduction to Philosophy *
	Two (2) communication elective courses
	Advanced Theology/Religious Studies (TRS-2) or Theological Ethics (TRS-E) core course *
	Introductory Social Science (SS-1) or Natural Science (NS) core course *

PH 100: PH-1 core course

Year Three — Fall

COMM 403	Principles of Communication Law
	Two (2) major electives
	Fine Arts (FNA), Advanced History (HI-2), or Advanced Literature (LT-2) core course (Advanced History recommended) *
PH	Advanced Philosophy (PH-2) or Philosophical Ethics (PH-E) core course *

Year Three — Spring

COMM 425	Senior Seminar in Communication *
	Two (2) major electives
	Advanced Social Science (SS-2) core course *
	Fine Arts (FNA), Advanced Literature (LT-2), or Advanced History (HI-2) core course *

Year Four — Fall (classes to be completed at Columbus School of Law)

Criminal Law (substitute for major elective)

Civil Procedure (yearlong course split over fall and spring — substitute for major elective)

Lawyering Skills (yearlong course split over fall and spring — substitute for elective)

Contracts (yearlong course split over fall and spring — substitute for elective)

Year Four — Spring (classes to be completed at Columbus School of Law)

Contracts (yearlong course split over fall and spring)

Lawyering Skills (yearlong course split over fall and spring)

Civil Procedure (yearlong course split over fall and spring)

Property (substitute for elective)

Torts (substitute for elective)

Constitutional Law (substitute for elective)

* Fulfills Liberal Arts Core/University Requirements. See University Requirements and the Liberal Arts Core (p. 59) and the Course Descriptions (p. 203) for further information.

B.A. in Communication to M.B.A. Program

This pre-M.B.A. program allows advanced communication students to begin to pursue their M.B.A. degree while completing their undergraduate program. If students begin their graduate coursework while completing their undergraduate programs, they could earn their undergraduate and graduate degrees at an accelerated rate.

Communication students can supplement their undergraduate coursework with up to six credits of specified M.B.A. graduate courses. The M.B.A. courses

would satisfy both graduate and undergraduate program requirements.

Students would be allowed to enroll in up to four graduate-level M.B.A. courses while completing undergraduate coursework; however, only two of those courses (six credits) would be eligible for application to the undergraduate degree. If students opt to take an additional two courses at the graduate level while completing the undergraduate degree, these courses would only apply to the graduate program requirements. All four graduate courses would satisfy M.B.A. program requirements.

Admission Requirements

In addition to meeting the universitywide undergraduate admission requirements, students are permitted to submit an application and, if approved, take graduate M.B.A. courses if they have

- at least 60 credits but no more than 90 credits and
- a minimum cumulative GPA of 3.4.

MBA Courses

MBA 511	Management Foundations
MBA 512	Accounting for Managers
MBA 515	Management in Organizations
MBA 521	Marketing Concepts and Practice

Communication (Minor)

Minor Requirements

COMM 100	Introduction to Media Communication
COMM 101	Public Speaking
COMM 206	Introduction to Public Relations OR
COMM 209	Contemporary Journalism *

Nine (9) additional credits in COMM courses that count toward a B.A. in Communication. At least two (2) courses, for a total of six (6) credits, should be at the 300 or 400 level.

Public Relations (Minor)

Public relations represents a strategic communication process that includes ethical and professional client interactions directed at achieving mutual objectives and results, researching and analyzing trends, planning and decision making, communicating and collaborating with stakeholders, and building positive relationships with key public constituencies and the media. This minor will prepare students to meet the knowledge objectives,

goals, skills, and competencies required not only in public relations, but also in related employment areas such as corporate communication, integrated marketing communication, public information, and external affairs. The minor will also prepare students for graduate education in communication, public relations, marketing, and other related fields.

The public relations minor requires a total of 18 credits. It is recommended that communication majors who wish to also minor in public relations take COMM 206, COMM 302, and COMM 401, and choose three courses from the designated marketing course options.

Minor Requirements

The public relations minor requires a total of 18 credits.

COMM 206	Introduction to Public Relations
COMM 302	Public Relations Writing and Media Techniques OR
COMM 401	Public Relations Case Studies

Four (4) additional three-credit courses must be selected from the following list:

COMM 209	Contemporary Journalism *
COMM 302	Public Relations Writing and Media Techniques
COMM 310	Career and Professional Communication
COMM 315	Writing for Digital Media *
COMM 401	Public Relations Case Studies
COMM 402	Organizational Communication *
MKT 204	Sustainable Marketing *
MKT 301	Principles of Marketing
MKT 310	Event Planning
MKT 319	Advertising and Integrated Marketing Communications

English

English (B.A.)

The study of literature and writing deepens students' understanding of the moral questions at the center of the human experience and of our shared humanity across cultures and across time. Marymount's English major and minor develop students' range of experience and cultural understanding by examining texts that represent a variety of points of view and historical perspectives. It also provides students with valuable skills in writing, analysis, and critical thinking.

The English major and minor provide preparation for entry into graduate study, professional schools, and a wide variety of meaningful career fields, including research, creative, editorial, teaching, advocacy, and governmental fields. English majors have the option of choosing a track in literature, media and performance studies, or writing, or a secondary-teaching licensure program.

Through the literature and writing courses required for the major, students develop valuable writing, critical reading, and research skills. The study of literature provides tools of critical analysis, awareness of major authors and literary traditions, and insight into how literary developments mirror and influence major societal developments. The writing courses teach the principles of clear and effective writing for a variety of purposes and audiences.

All English majors complete an internship, which provides valuable practical experience and the opportunity to apply skills in a professional context. In addition to the required internship, seniors must successfully complete a senior research seminar.

By choosing minors in such areas as gender and society, media and performance, writing, politics, and psychology, students can prepare themselves to apply their skills in the professional world. The English major, meanwhile, is a lifelong resource in providing a broad liberal arts education.

Upon successful completion of the English program, students will be able to

- respond to a literary text in a way that reflects an awareness of aesthetic values, historical context, ideological orientation, and critical approach;
- write coherent, well-organized essays that establish a clear focus, provide appropriate evidence, and are grammatically correct;
- conduct appropriate research and synthesize their own original ideas with those advanced by literary critics and other scholars;
- demonstrate a thoughtful understanding of their own writing process;
- analyze literary works — in all genres — with respect to structure, style, and theme;
- demonstrate information and technological literacy in research and competence in Modern Language Association (MLA) documentation; and
- deliver oral presentations that are focused, well-organized, and effective and that establish a connection with the audience.

Residency Requirements: Students must complete at least 21 credits in English at Marymount. Those credits must include EN 200 Elements of Literary Study; EN 290 Literary Theory and Practice or EN 240 Introduction to Film and Visual Studies; three credits in English at the 400 level; and nine additional credits at the 300 level or above.

Degree Requirements — English

This degree requires a total of 120 credits.

Liberal Arts Core and University Requirements

See University Requirements and the Liberal Arts Core (p. 59) for details. English majors will satisfy part of the three-course university Writing Intensive (WI) requirement through: EN 200 Elements of Literary Study and EN 424 Senior Seminar. In addition, majors on the literature track must take EN 490 Major Author(s); majors on the writing track must take EN 301 The Writing Process and EN 308 Style and Revision; majors on the media and performance studies track must take EN 321 Modern Drama or EN 240 Introduction to Film and Visual Studies.

Major Requirements

To fulfill the requirements of the major, all students in this program will take the following coursework in a sequence determined in collaboration with a faculty advisor. Some courses also satisfy Liberal Arts Core and/or University Requirements.

EN 200	Elements of Literary Study *
EN 290	Literary Theory and Practice OR
EN 240	Introduction to Film and Visual Studies *
EN 400	Internship *
GMD 400	OR Internship *
EN 424	Senior Seminar *
GMD 404	OR Performance Media Lab *

Track Courses

All majors also complete coursework in a chosen track as follows:

Literature Track

EN 201	World Literature: The Ancient World *
EN 202	World Literature: The Middle Ages *
EN 203	World Literature: Renaissance through Enlightenment *
EN 204	World Literature: Romanticism through Post-Modernism *
EN 205	American Literature I *
EN 206	American Literature II *
EN 230	American Multicultural Literature *
EN 301	The Writing Process: Theory and Practice *
EN 308	Style and Revision *
EN 490	Major Author(s) *
	Three (3) credits in electives numbered EN 201 or above
	Nine (9) credits in electives numbered EN 321 or above

Media and Performance Studies Track

Three (3) credits from the following:

EN 201	World Literature: The Ancient World *
EN 202	World Literature: The Middle Ages *
EN 203	World Literature: Renaissance through Enlightenment *
EN 204	World Literature: Romanticism through Post-Modernism *
EN 205	American Literature I *
EN 206	American Literature II *
EN 230	American Multicultural Literature *

Nine (9) credits from the following:

EN 212	Topics in Acting
EN 270	Approaches to Creative Writing *
EN 305	Topics in Creative Writing
COMM 101	Public Speaking
COMM 204	Video Production: Multimedia Communication
GMD 202	Illustration I *
GMD 203	Digital Photography
GMD 205	Video Production: Promotional and Informational Communication
GMD 308	Web and Social Media Design

One (1) of the following:

EN 207	Theater History *
EN 220	The Movie or the Book? Narrative Adaptation in the Cinema *

One (1) of the following:

EN 321	Modern Drama *
EN 355	Shakespeare *

The following course:

EN 429	Studies in Performance *
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An additional twelve (12) credits in literature.

Writing Track

Three (3) credits from the following:

EN 201	World Literature: The Ancient World *
EN 202	World Literature: The Middle Ages *
EN 203	World Literature: Renaissance through Enlightenment *
EN 204	World Literature: Romanticism through Post-Modernism *

Three (3) credits from the following:

EN 205	American Literature I *
EN 206	American Literature II *
EN 230	American Multicultural Literature *

The following three courses:

EN 211	Principles of Language
EN 301	The Writing Process: Theory and Practice *
EN 308	Style and Revision *

Three (3) credits in Advanced Literature (LT-2).

Nine (9) credits in English and/or communication writing course electives.

Three (3) credits in support skills electives in digital publishing.

Sample Degree Plan — English

Please note that this is a sample plan; all students must consult with an advisor in making course selections. This sample plan is based on the literature track and will differ for students pursuing other tracks.

Year One — Fall

EN 101	Composition I *
	Introductory Social Science (SS-1) core course *
DSC 101	DISCOVER First-Year Seminar *
TRS 100	Theological Inquiry *
	One (1) elective

EN 101: WR core course

TRS 100: TRS-1 core course

Year One — Spring

EN 102	Composition II *
EN 201-206	OR
EN 230	
HI 103	American Multicultural Literature *
	Western Civilization I *
	OR
HI 104	Western Civilization II *
	Natural Science (NS) core course with lab *
	One (1) elective

EN 102: WR core course

HI 103, HI 104: HI-1 core course

Year Two — Fall

EN 200	Elements of Literary Study *
EN 201-206	OR
EN 230	
PH 100	American Multicultural Literature *
	Introduction to Philosophy *
	Introductory Social Science (SS-1) core course *
	One (1) elective

PH 100: PH-1 core course

Year Two — Spring

EN 201-206	OR
EN 230	
EN 290	American Multicultural Literature *
	Literary Theory and Practice
	Introductory Social Science (SS-1) or Natural Science (NS) core course *
MA	Mathematics (MT) core course *
	One (1) elective

Year Three — Fall

	One (1) major elective (Advanced Literature LT-2 core course) *
	Advanced Social Science (SS-2) core course *
	Fine Arts (FNA) or Advanced History (HI-2) core course *
	Two (2) electives

Year Three — Spring

EN 301	The Writing Process: Theory and Practice *
EN 308	
	OR
	Style and Revision *
	Two (2) major electives
	Advanced Theology/Religious Studies (TRS-2) or Theological Ethics (TRS-E) core course *
	One (1) elective

Year Four — Fall

EN 424	Senior Seminar *
	One (1) major elective
PH	Advanced Philosophy (PH-2) or Philosophical Ethics (PH-E) core course *
	Two (2) electives

Year Four — Spring

EN 400	Internship *
EN 490	Major Author(s) *
	Three (3) electives

* Fulfills Liberal Arts Core/University Requirements. See University Requirements and the Liberal Arts Core (p. 59) and the Course Descriptions (p. 203) for further information.

English with Secondary Teaching Licensure (B.A. in English)

This program of study allows students to complete a baccalaureate degree in English and also be licensed to teach secondary English at the end of four years. Students pursuing licensure in this manner complete all requirements necessary for Virginia licensure, including field experience and student teaching.

Admission Requirements: Students in this program must seek admission to the teacher licensure program and apply for student teaching. See the education section (p. 182) for admission requirements and procedures.

Degree Planning: Students in this program must take courses as specified to ensure fulfillment of state licensure requirements. In addition to working with an advisor in the English program, students must see an education advisor in the School of Sciences, Mathematics, and Education for further assistance in degree planning.

Also, course rotations vary and not every course is available each semester. Individual advising is important to ensure students meet all major and teaching licensure requirements.

Minimum Grade Requirements: Students must maintain a 3.0 grade point average in their major. A grade of a C or better is required in professional studies courses. Professional studies courses are those associated with teacher preparation. An overall 2.5 GPA is required.

Degree Requirements — English with Secondary Teaching Licensure (B.A. in English)

This degree requires a total of 120 credits.

Liberal Arts Core and University Requirements

See University Requirements and the Liberal Arts Core (p. 59) for details. Writing Intensive course requirements for this program are satisfied in this way: EN 200 Elements of Literary Study, EN 424 Senior Seminar, and EN 490 Major Author(s).

Major Requirements

To fulfill the requirements of the major, all students in this program will take the following coursework in a sequence determined in collaboration with a faculty advisor. Some courses also satisfy Liberal Arts Core and/or University Requirements. Some coursework fulfills teaching licensure requirements as specified by the Commonwealth of Virginia.

EN 212	Topics in Acting
OR	
COMM 101	Public Speaking
ED 200	Foundations of Teaching and Learning
ED 254	Technology for the K-12 Classroom
ED 337	Literacy in the Content Areas
ED 338	Secondary Education: Curriculum and Methods
ED 351	Assessment to Support Learning in K-12
ED 368	Secondary Teaching Methods in English
ED 452	Managing the K-12 Classroom
ED 460S	Student Teaching: Secondary Level *

EN 200	Elements of Literary Study *
EN 201	World Literature: The Ancient World *
OR	
EN 202	World Literature: The Middle Ages *
EN 203	World Literature: Renaissance through Enlightenment *
OR	
EN 204	World Literature: Romanticism through Post-Modernism *
EN 205	American Literature I *
OR	
EN 206	American Literature II *
OR	
EN 230	American Multicultural Literature *
EN 211	Principles of Language
EN 290	Literary Theory and Practice
EN 301	The Writing Process: Theory and Practice *
EN 424	Senior Seminar *
EN 490	Major Author(s) *
EN 554	Applied Grammar: Syntactic Structures
	Nine (9) credits in electives numbered EN 321 or above
PSY 110	Human Growth and Development *
PSY 341	Psychology of Individuals with Exceptionalities *

ED 452 and ED 460S must be taken at the same time.

EN 554: See the university's Graduate Catalog for course description

Sample Degree Plan — English with Secondary Teaching Licensure (B.A. in English)

Please note that this is a sample plan; all students must consult with an advisor in making course selections.

Year One — Fall

EN 101	Composition I *
HI 103	Western Civilization I *
OR	
HI 104	Western Civilization II *
PSY 110	Human Growth and Development *
MA	Mathematics (MT) core course *
DSC 101	DISCOVER First-Year Seminar *

EN 101: WR core course

HI 103, HI 104: HI-1 core course

PSY 110: SS-1 core course

Year One — Spring

EN 212	Topics in Acting
COMM 101	OR Public Speaking
EN 201	World Literature: The Ancient World *
EN 202	OR World Literature: The Middle Ages *
EN 102	Composition II *
TRS 100	Theological Inquiry *
	Natural Science (NS) core course with lab *

*EN 102: WR core course**TRS 100: TRS-1 core course***Year Two — Fall**

ED 200	Foundations of Teaching and Learning
EN 211	Principles of Language
EN 200	Elements of Literary Study *
EN 301	The Writing Process: Theory and Practice *
PH 100	Introduction to Philosophy *
	Introductory Social Science (SS-1) core course (economics, politics, or sociology) *

*PH 100: PH-1 core course***Year Two — Spring**

ED 254	Technology for the K-12 Classroom
ED 351	Assessment to Support Learning in K-12
EN 205	American Literature I *
EN 206	OR American Literature II *
EN 230	OR American Multicultural Literature *
EN 290	Literary Theory and Practice
	Two (2) major electives

Year Three — Fall

ED 338	Secondary Education: Curriculum and Methods
EN 203	World Literature: Renaissance through Enlightenment *
EN 204	OR World Literature: Romanticism through Post-Modernism *
PSY 341	Psychology of Individuals with Exceptionalities *
	Two (2) major electives

*EN 203, EN 204: LT-1 core course**PSY 341: SS-2 core course***Year Three — Spring**

ED 337	Literacy in the Content Areas
EN 554	Applied Grammar: Syntactic Structures
	Fine Arts (FNA) or Advanced History (HI-2) core course *
PH	Advanced Philosophy (PH-2) or Philosophical Ethics (PH-E) core course *
	Introductory Social Science (SS-1) or Natural Science (NS) core course *

Year Four — Fall

EN 424	Senior Seminar *
ED 368	Secondary Teaching Methods in English
	Advanced Theology/Religious Studies (TRS-2) or Theological Ethics (TRS-E) core course *
	Two (2) major electives

Year Four — Spring

ED 452	Managing the K-12 Classroom
ED 460S	Student Teaching: Secondary Level *
EN 490	Major Author(s) *
	One (1) elective

* Fulfills Liberal Arts Core/University Requirements. See University Requirements and the Liberal Arts Core (p. 59) and the Course Descriptions (p. 203) for further information.

English (B.A.) 3+3 Partnership with Catholic University Law School

Marymount has a direct-entry affiliation agreement with Catholic University's Columbus School of Law. This enables qualified third-year Marymount students in designated majors to be admitted to the first year of law school during their senior year at Marymount. English students who are interested in direct entry to the Columbus School of Law after their junior year at Marymount should discuss the 3+3 partnership with their major advisor as soon as they become interested. The advisor will guide students through the selection of Marymount courses and refer them to the Office of Admissions of the Columbus School of Law as potential applicants. Qualified students may receive credit from both Marymount and Catholic University for a maximum of 29 credits taken at the Columbus School of Law. For more information and details on eligibility, please see Pre-Law Studies and Advising (p. 68).

Sample Degree Plan — English 3+3 Partnership with Catholic University Law School

Please note that this is a sample plan; all students must consult with an advisor in making course selections. This sample plan is based on the literature track and will differ for students pursuing other tracks.

Year One — Fall

EN 101	Composition I *
HI 103	Western Civilization I *
	OR
HI 104	Western Civilization II *
MA	Mathematics (MT) core course *
	Introductory Social Science (SS-1) core course *
DSC 101	DISCOVER First-Year Seminar *

EN 101: WR core course

HI 103, HI 104: HI-1 core course

Year One — Spring

EN 102	Composition II *
EN 201-206	OR
EN 230	
TRIS 100	Theological Inquiry *
	Natural Science (NS) core course with lab *
	Introductory Social Science (SS-1) core course *

EN 102: WR core course

TRIS 100: TRIS-1 core course

EN 201-206, EN 230: LT-1 core course

Year Two — Fall

EN 200	Elements of Literary Study *
EN 201-206	OR
EN 230	
PH 100	Introduction to Philosophy *
	Fine Arts (FNA) or Advanced History (HI-2) core course *
	Introductory Social Science (SS-1) or Natural Science (NS) core course *

PH 100: PH-1 core course

Year Two — Spring

EN 201-206	OR
EN 230	
EN 290	Literary Theory and Practice
EN 301	The Writing Process: Theory and Practice *
	OR
EN 308	Style and Revision *
	Advanced Theology/Religious Studies (TRS-2) or Theological Ethics (TRS-E) core course *
	Advanced Social Science (SS-2) core course *

Year Three — Fall

EN 424	Senior Seminar *
	Major elective (Advanced Literature LT-2 core course) *
	One (1) major elective
PH	Advanced Philosophy (PH-2) or Philosophical Ethics (PH-E) core course *
	One (1) elective

Year Three — Spring

EN 400	Internship *
EN 490	Major Author(s) *
	Two (2) major electives
	One (1) elective

Year Four — Fall (classes to be completed at Columbus School of Law)

Criminal Law (substitute for elective)

Civil Procedure (yearlong course split over fall and spring — substitute for elective)

Lawyering Skills (yearlong course split over fall and spring — substitute for elective)

Contracts (yearlong course split over fall and spring — substitute for elective)

Year Four — Spring (classes to be completed at Columbus School of Law)

Contracts (yearlong course split over fall and spring)

Lawyering Skills (yearlong course split over fall and spring)

Civil Procedure (yearlong course split over fall and spring)

Property (substitute for elective)

Torts (substitute for elective)

Constitutional Law (substitute for elective)

* Fulfills Liberal Arts Core/University Requirements. See University Requirements and the Liberal Arts Core (p. 59) and the Course Descriptions (p. 203) for further information.

B.A. in English to M.B.A. Program

This pre-M.B.A. program allows advanced English students to begin to pursue their M.B.A. degree while completing their undergraduate program. If students begin their graduate coursework while completing their undergraduate programs, they could earn their undergraduate and graduate degrees at an accelerated rate.

English students can supplement their undergraduate coursework with up to six credits of specified M.B.A. graduate courses. The M.B.A. courses would satisfy both graduate and undergraduate program requirements.

Students would be allowed to enroll in up to four graduate-level M.B.A. courses while completing undergraduate coursework; however, only two of those courses (six credits) would be eligible for application to the undergraduate degree. If students opt to take an additional two courses at the graduate level while completing the undergraduate degree, these courses would only apply to the graduate program requirements. All four graduate courses would satisfy M.B.A. program requirements.

Admission Requirements

In addition to meeting the universitywide undergraduate admission requirements, students are permitted to submit an application and, if approved, take graduate M.B.A. courses if they have

- at least 60 credits but no more than 90 credits and
- a minimum cumulative GPA of 3.4.

MBA Courses

MBA 511	Management Foundations
MBA 512	Accounting for Managers
MBA 515	Management in Organizations
MBA 521	Marketing Concepts and Practice

English (Minor)

The study of literature deepens students' understanding of the moral questions at the center of the human experience and of our shared humanity across cultures and time. Marymount's minor develops students' range of experience and cultural understanding by examining texts that represent a variety of points of view and historical perspectives. It also provides students with valuable skills in writing, analysis, and critical thinking.

The English minor works especially well with majors in social sciences, computer science, biology, and more, signaling to future employers an ability to write, conduct context-specific research, think critically, and work collaboratively.

Minor Requirements

The English minor requires a total of 18 credits.

EN 200	Elements of Literary Study *
EN 290	Literary Theory and Practice

Six (6) credits from EN 201 through EN 230.

Six (6) credits from EN courses numbered 321 or above.

French (Minor)

See French minor (p. 121) under foreign languages.

Spanish (Minor)

See Spanish minor (p. 122) under foreign languages.

Writing (Minor)

Writing is a fundamental skill in today's world, and the writing minor helps prepare students for professional careers and/or graduate education in a variety of fields. The minor develops students' persuasive, stylistic, creative, and analytical skills through an examination of the characteristics of successful writing, along with the implementation of successful writing strategies in multiple modes and genres.

The writing minor pairs well with many majors and signals to future employers an ability to construct effective arguments and reports, conduct context-specific research, and work collaboratively.

Minor Requirements

The writing minor requires a total of 18 credits.

EN 301	The Writing Process: Theory and Practice *
EN 308	Style and Revision *

Twelve (12) additional credits from the following courses:

COMM 209	Contemporary Journalism *
COMM 315	Writing for Digital Media *
EN 211	Principles of Language
EN 270	Approaches to Creative Writing *
EN 303	Literary Nonfiction *
EN 305	Topics in Creative Writing

EN 305: may be taken more than once for credit

Fashion

Fashion Design (B.A.)

The fashion design major prepares students for positions in the fashion industry as an assistant designer and pattern/drafting/tailoring specialist, as well as in apparel manufacturing and product development and merchandising and buying opportunities in the garment industry.

Students in fashion design participate in an annual juried fashion show, *Portfolio in Motion*, featuring garments they have designed and constructed. The program culminates in a noted designer's professional evaluation of the student's original designs. Opportunities to cultivate professional skills are developed through participation in the Marymount Fashion Club and the Pattern Makers Club; affiliations with the Fashion Group International of Greater Washington, DC, Inc.; and internships.

Upon successful completion of the fashion design program, students will be able to

- conduct design research that engages the design process to include identifying a design problem, the exploration of multiple design solutions, the creation of spec/technical drawings, and the production of the design solution;
- design and create a line of garments that include design sketches and illustrations, technical drawings, and final garment production for presentation in a professional portfolio for entry into the industry;
- create garments that demonstrate quality workmanship, functional properties, and aesthetic merits for submission into the annual department design show; and

- demonstrate multiple communication skills (hand, digital and/or CAD) in technical spec writings and drawings, design illustrations, and professional presentations of design solutions.

Course Enrollment Policy: Applied arts courses are open only to declared majors and minors in the fashion design or fashion merchandising program.

Minimum Grade Requirements: A minimum grade of C is required in any course within the fashion design major that serves as a prerequisite for a higher-numbered course.

Degree Requirements — Fashion Design

This degree requires a total of 120 credits.

Liberal Arts Core and University Requirements

See University Requirements and the Liberal Arts Core (p. 59) for details. Fashion design majors will satisfy the three-course university Writing Intensive (WI) requirement in the following way: AA 361 Survey of Fashion, AA 485 Senior Design Research and Development, and one additional WI course from the Liberal Arts Core or university electives.

Major Requirements

To fulfill the requirements of the major, all students in this program will take the following coursework in a sequence determined in collaboration with a faculty advisor. Some courses also satisfy Liberal Arts Core and/or University Requirements.

AA 102	Sample Room Techniques
AA 103	Apparel Design I
AA 204	Methods in Fashion Construction
AA 212	Fashion Industry & Promotion
AA 251	Textiles
AA 255	Digital Presentation for Fashion
AA 265	Fashion Illustration I *
AA 275	Fashion Illustration II
AA 305	Draping
AA 306	Apparel Design II *
AA 307	Product Development I
AA 361	Survey of Fashion *
AA 400	Internship *
AA 407	Product Development II *
AA 408	Advanced Problems in Fashion Design I
AA 409	Advanced Problems in Fashion Design II
AA 485	Senior Design Research and Development *
AA 495	Senior Fashion Design Portfolio

FA 103	Two-Dimensional Design
FA 104	Color Theory *
FA 105	Drawing I *

Sample Degree Plan — Fashion Design

Please note that this is a sample plan; all students must consult with an advisor in making course selections.

Year One — Fall

AA 102	Sample Room Techniques
FA 103	Two-Dimensional Design
EN 101	Composition I *
HI	Introductory History (HI-1) core course *
DSC 101	DISCOVER First-Year Seminar *

EN 101: WR core course

Year One — Spring

AA 103	Apparel Design I
FA 104	Color Theory *
FA 105	Drawing I *
EN 102	Composition II *
MA	Mathematics (MT) core course *

EN 102: WR core course

FA 104 and FA 105: FNA core courses

Year Two — Fall

AA 204	Methods in Fashion Construction
AA 251	Textiles
AA 265	Fashion Illustration I *
TRS 100	Theological Inquiry *
	Introductory Social Science (SS-1) core course *

TRS 100: TRS-1 core course

Year Two — Spring

AA 212	Fashion Industry & Promotion
AA 255	Digital Presentation for Fashion
AA 275	Fashion Illustration II
PH 100	Introduction to Philosophy *
EN	Introductory Literature (LT-1) core course *

PH 100: PH-1 core course

Year Three — Fall

AA 305	Draping
	Advanced Literature (LT-2) or Advanced History (HI-2) core course *
	Introductory Social Science (SS-1) core course *
	Natural Science (NS) core course with lab *
	One (1) elective

Year Three — Spring

AA 306	Apparel Design II *
AA 307	Product Development I
AA 361	Survey of Fashion *
	Introductory Social Science (SS-1) or Natural Science (NS) core course *
	One (1) elective

Year Four — Fall

AA 407	Product Development II *
AA 408	Advanced Problems in Fashion Design I
AA 485	Senior Design Research and Development *
	Advanced Social Science (SS-2) core course *
	One (1) elective

Year Four — Spring

AA 400	Internship *
AA 409	Advanced Problems in Fashion Design II
AA 495	Senior Fashion Design Portfolio
PH	Advanced Philosophy (PH-2) or Philosophical Ethics (PH-E) core course *
	Advanced Theology/Religious Studies (TRS-2) or Theological Ethics (TRS-E) core course *

* Fulfills Liberal Arts Core/University Requirements. See University Requirements and the Liberal Arts Core (p. 59) and the Course Descriptions (p. 203) for further information.

Fashion Design (Minor)

Course Enrollment Policy: Applied arts courses are open only to declared majors and minors in the fashion design or fashion merchandising program.

Minor Requirements

Twenty-one (21) credits from the following:

AA 102	Sample Room Techniques
AA 103	Apparel Design I
AA 204	Methods in Fashion Construction
AA 255	Digital Presentation for Fashion
AA 265	Fashion Illustration I *
AA 272	Textile Design
AA 275	Fashion Illustration II
AA 305	Draping
AA 306	Apparel Design II *
AA 307	Product Development I
AA 407	Product Development II *
AA 408	Advanced Problems in Fashion Design I

AA 409	Advanced Problems in Fashion Design II
AA 485	Senior Design Research and Development *
AA 495	Senior Fashion Design Portfolio

Fashion Merchandising (B.A.)

The major in fashion merchandising focuses on retail buying, product development, and fashion promotion. Graduates attain positions such as assistant retail buyers, wholesale account managers, product allocators, retail managers, visual merchandisers, fashion stylists, and fashion event coordinators. The Liberal Arts Core requirements serve as a foundation for the critical thinking needed to be successful in fashion merchandising courses and in the industry. Ample elective choices permit a variety of minors that include fashion design, business, and communication. The required senior-year internship offers students valuable and practical hands-on experience with a variety of retailers, such as department and specialty stores, manufacturers, and distributors, and helps develop a career path in fashion merchandising.

Students in fashion merchandising can join the Marymount Fashion Club to participate in various activities related to real-world experiences in the fashion industry, such as assisting with fashion shows on and off campus or organizing guest lectures with fashion industry professionals.

Juniors and seniors have the opportunity to study product development and take part in the production of the annual student fashion show, *Portfolio in Motion*. Seniors complete a seminar in which they solve real-world merchandising problems using the case study and simulation method.

Upon successful completion of the fashion merchandising program, students will be able to

- identify and foster salable apparel based on quality, appropriateness, price, target market, and aesthetic appearance for the purpose of retail buying;
- promote apparel effectively through visual merchandising, writing and media, public relations, and fashion events;
- apply the process of product development, including consumer and trend research, forecasting, and fabrication, to the development of a product line that includes knowledge in technical design, pricing, sourcing, and retail distribution; and

- conduct merchandising research and consumer data analysis, and apply the results to solving merchandising problems.

Course Enrollment Policy: Applied arts courses are open only to declared majors and minors in the fashion merchandising or fashion design program.

Minimum Grade Requirements: A minimum grade of D is required in any course within the fashion merchandising major that serves as a prerequisite for a higher-numbered course.

Degree Requirements — Fashion Merchandising

This degree requires a total of 120 credits.

Liberal Arts Core and University Requirements

See University Requirements and the Liberal Arts Core (p. 59) for details. Fashion merchandising majors will satisfy the three-course university Writing Intensive (WI) requirement in the following way: AA 320 Fashion Research and Forecasting, AA 361 Survey of Fashion, and one additional WI course from the Liberal Arts Core or university electives.

Major Requirements

To fulfill the requirements of the major, all students in this program will take the following coursework in a sequence determined in collaboration with a faculty advisor. Some courses also satisfy Liberal Arts Core and/or University Requirements.

AA 110	Apparel Quality and Analysis
AA 111	Fashion Apparel and Accessory Coordination
AA 150	Fashion Retailing
AA 211	Visual Merchandising *
AA 212	Fashion Industry & Promotion
AA 251	Textiles
AA 255	Digital Presentation for Fashion
AA 307	Product Development I
AA 320	Fashion Research and Forecasting *
AA 330	Omni-Channel Fashion Retailing
AA 361	Survey of Fashion *
AA 382	Merchandise Planning and Analysis
AA 400	Internship *
AA 407	Product Development II *
AA 413	Fashion Event Planning
AA 414	Fashion Show Production
AA 440	Fashion in the Global Marketplace *
AA 483	Senior Seminar in Fashion Merchandising *

MKT 301	Principles of Marketing
FA 104	Color Theory *

Sample Degree Plan — Fashion Merchandising

Please note that this is a sample plan; all students must consult with an advisor in making course selections.

Year One — Fall

AA 150	Fashion Retailing
EN 101	Composition I *
HI	Introductory History (HI-1) core course *
MA	Mathematics (MT) core course *
DSC 101	DISCOVER First-Year Seminar *

EN 101: WR core course

Year One — Spring

AA 110	Apparel Quality and Analysis
AA 111	Fashion Apparel and Accessory Coordination
FA 104	Color Theory *
EN 102	Composition II *
TRS 100	Theological Inquiry *

EN 102: WR core course

FA 104: FNA core course

TRS 100: TRS-1 core course

Year Two — Fall

AA 211	Visual Merchandising *
AA 251	Textiles
PH 100	Introduction to Philosophy *
EN	Introductory Literature (LT-1) core course *
	Introductory Social Science (SS-1) core course *

PH 100: PH-1 core course

Year Two — Spring

AA 212	Fashion Industry & Promotion
AA 255	Digital Presentation for Fashion
	Introductory Social Science (SS-1) core course *
	Natural Science (NS) core course with lab *
	One (1) elective

Year Three — Fall

AA 320	Fashion Research and Forecasting *
MKT 301	Principles of Marketing
	Advanced Literature (LT-2) or Advanced History (HI-2) core course *
	Introductory Social Science (SS-1) or Natural Science (NS) core course *
	One (1) elective

Year Three — Spring

AA 307	Product Development I
AA 330	Omni-Channel Fashion Retailing
AA 361	Survey of Fashion *
AA 382	Merchandise Planning and Analysis
PH	Advanced Philosophy (PH-2) or Philosophical Ethics (PH-E) core course *

Year Four — Fall

AA 407	Product Development II *
AA 413	Fashion Event Planning
AA 440	Fashion in the Global Marketplace *
	Advanced Theology/Religious Studies (TRS-2) or Theological Ethics (TRS-E) core course *
	One (1) elective

Year Four — Spring

AA 400	Internship *
AA 414	Fashion Show Production
AA 483	Senior Seminar in Fashion Merchandising *
	Advanced Social Science (SS-2) core course *
	One (1) elective

* Fulfills Liberal Arts Core/University Requirements. See University Requirements and the Liberal Arts Core (p. 59) and the Course Descriptions (p. 203) for further information.

B.A. in Fashion Merchandising to M.B.A. Program

This pre-M.B.A. program allows advanced fashion merchandising students to begin to pursue their M.B.A. degree while completing their undergraduate program. If students begin their graduate coursework while completing their undergraduate programs, they could earn their undergraduate and graduate degrees at an accelerated rate.

Fashion Merchandising students can supplement their undergraduate coursework with up to six credits of specified M.B.A. graduate courses. The M.B.A. courses

would satisfy both graduate and undergraduate program requirements.

Students would be allowed to enroll in up to four graduate-level M.B.A. courses while completing undergraduate coursework; however, only two of those courses (six credits) would be eligible for application to the undergraduate degree. If students opt to take an additional two courses at the graduate level while completing the undergraduate degree, these courses would only apply to the graduate program requirements. All four graduate courses would satisfy M.B.A. program requirements.

Admission Requirements

In addition to meeting the universitywide undergraduate admission requirements, students are permitted to submit an application and, if approved, take graduate M.B.A. courses if they have

- at least 60 credits but no more than 90 credits and
- a minimum cumulative GPA of 3.4.

MBA Courses

MBA 511	Management Foundations
MBA 512	Accounting for Managers
MBA 515	Management in Organizations
MBA 521	Marketing Concepts and Practice

Fashion Merchandising (Minor)

Course Enrollment Policy: Applied arts courses are open only to declared majors and minors in the fashion merchandising or fashion design program.

Minor Requirements

AA 150	Fashion Retailing
AA 361	Survey of Fashion *
AA 382	Merchandise Planning and Analysis

Twelve (12) additional credits from the following:

AA 110	Apparel Quality and Analysis
AA 111	Fashion Apparel and Accessory Coordination
AA 211	Visual Merchandising *
AA 212	Fashion Industry & Promotion
AA 251	Textiles
AA 255	Digital Presentation for Fashion
AA 307	Product Development I
AA 320	Fashion Research and Forecasting *
AA 330	Omni-Channel Fashion Retailing
AA 407	Product Development II *
AA 413	Fashion Event Planning
AA 414	Fashion Show Production
MKT 301	Principles of Marketing

Foreign Languages

Marymount offers minors in French and Spanish. Foreign language courses in French, German, and Spanish are also offered as electives. The introductory-level courses also satisfy the Global Perspective component of the University Requirements. See the Global Perspectives section under University Requirements (p. 60).

The study of a foreign language is both an excellent means for understanding other people and cultures and a valuable asset for a growing number of careers in business, industry, and government service.

Marymount students wishing to continue language study or to study additional languages may do so through Marymount's membership in the Consortium of Universities of the Washington Metropolitan Area and in synchronous online language courses offered by the Virginia Foundation for Independent Colleges (VFIC). Information on scheduling and registering for courses offered by consortium and VFIC members is available from the Office of the Registrar at Marymount. See Students Enrolling at Consortium Institutions section (p. 41) for further information concerning consortium and VFIC guidelines.

French (Minor)

The French minor offers students the opportunity to combine Marymount's intermediate and advanced language courses with a study abroad program in a French-speaking country. Through this minor, students will develop their language skills and fluency while being immersed in a different culture and civilization. The Center for Global Education guides students to choose the study abroad program that best fits their interests. Please see Graduation Honors (p. 50) for information about counting study abroad credits toward graduation honors.

Minor Requirements

The French minor requires a total of 18 credits.

Three to twelve (3-12) credits from the following 200- and 300-level courses:

FR 201	Intermediate French I
FR 202	Intermediate French II
FR 303	Contemporary French Civilization
FR 305	Topics in French Literature *

Six to fifteen (6-15) credits in intermediate or advanced French courses from approved study abroad immersion program.

Spanish (Minor)

The Spanish minor offers students the opportunity to combine Marymount's intermediate and advanced language courses with a study abroad program in a Spanish-speaking country. Through this minor, students will develop their language skills and fluency while being immersed in a different culture and civilization. The Center for Global Education guides students to choose the study abroad program that best fits their interests. Please see Graduation Honors (p. 50) for information about counting study abroad credits toward graduation honors.

Minor Requirements

The Spanish minor requires a total of 18 credits.

Three to twelve (3-12) credits from the following 200- and 300-level courses:

SP 201	Intermediate Spanish I
SP 202	Intermediate Spanish II
SP 301	Communicating in Spanish
SP 303	Spanish Civilization and Culture
SP 305	Topics in Spanish and Latin American Literature *

Six to fifteen (6-15) credits in intermediate or advanced Spanish courses from approved study abroad immersion program.

Graphic and Media Design

Graphic and Media Design (B.A.)

Marymount's Graphic and Media Design program prepares students for careers as creative, proficient, and ethically responsible graphic and media designers. The curriculum provides a foundation in graphic and media design theory and the development of research, writing, critical thinking, and creativity. Students develop the conceptual and technical skills to create graphic and media designs, digital photography, illustration, video productions, and motion graphics. Coursework includes branding and marketing campaigns, publication design, poster and brochure design, and social media campaigns. The program emphasizes communication design solutions for the contemporary media environment, including print, online publications, websites, and social media.

In addition to learning the fundamentals of the graphic and media design discipline, students also choose a specialty area of study, including:

- Graphic Design
- Media Design
- Visual Communication
- Web Design

Graduates are prepared for entry-level positions in graphic and media design at corporations; nonprofits; institutions; government agencies; design studios; advertising agencies; public relation firms; book, magazine, and newspaper publishers; web and mobile app developers; and exhibit design, video, and motion graphic production companies.

Upon successful completion of the graphic and media design major, students will be able to

- communicate effectively to a wide variety of audiences verbally, in writing, and electronically;
- utilize knowledge of typography, graphics, photography, and video to communicate ideas and information visually via print, web, mobile, and social media; and
- apply critical thinking and aesthetic judgments in creating print and digital media.

Internship Prerequisites: A minimum of 90 credits with a minimum cumulative GPA of 2.0 is required to register for the internship.

Minimum Grade Requirements: A minimum grade of C is required in any course within the graphic and media design major.

Program Requirement: Students entering the sophomore-level graphic and media design curriculum are required to have a personal computer, a color printer, and the software supported by the major. Recommended computer specifications are available from an advisor or the Marymount website.

Residency Requirement: Students must complete 21 credits of their graphic and media design major or specialty courses at Marymount.

Degree Requirements — Graphic and Media Design

This degree requires a total of 120 credits.

Liberal Arts Core and University Requirements

See University Requirements and the Liberal Arts Core (p. 59) for details. Media design majors will satisfy the three-course university Writing Intensive (WI) requirement by choosing among COMM 209 Contemporary Journalism, COMM 315 Writing for Digital Media, GMD 301 History of Graphic Design

(graphic design specialty requirement), and other WI courses in the Liberal Arts Core or university electives.

Major Requirements

Students will take the following coursework in a sequence determined in collaboration with a faculty advisor. Some courses also satisfy Liberal Arts Core and/or University Requirements.

Required for All Majors

All Graphic and Media Design students will take these 10 courses for a total of 28 credits.

COMM 100	Introduction to Media Communication
GMD 102	Visual Communications and Design
GMD 200	Electronic Publishing
GMD 203	Digital Photography
GMD 255	Typography
GMD 305	Publication Design
GMD 308	Web and Social Media Design
GMD 360	Communication and Design Studio *
GMD 400	Internship *
GMD 405	Portfolio

Writing and Presentation

Choose two (2) courses from the following:

COMM 209	Contemporary Journalism *
COMM 302	Public Relations Writing and Media Techniques
COMM 307	Broadcast Writing and Delivery
COMM 315	Writing for Digital Media *

Specialty Courses

All majors are required to choose a specialty within the discipline or a minor approved by advisor for a total of 15 credits.

Graphic Design

FA 105	Drawing I *
GMD 202	Illustration I *
GMD 301	History of Graphic Design *
MKT 301	Principles of Marketing
	Two (2) major electives

FA 105: as the required Liberal Arts Core FNA course

Media Design

COMM 204	Video Production: Multimedia Communication
GMD 205	Video Production: Promotional and Informational Communication
GMD 360	Communication and Design Studio *
	Two (2) major electives

GMD 360: The specialty requires a second three credits, for an overall total of six credits in GMD 360.

Visual Communication

COMM 204	Video Production: Multimedia Communication
GMD 205	OR Video Production: Promotional and Informational Communication
	Two (2) additional writing and presentation courses
	Two (2) major electives

Web Design

IT 125	Web Development
IT 130	Java Programming
IT 225	Advanced Web Development
IT 310	Database Technology
	One (1) major elective

Electives within the Major

COMM 204	Video Production: Multimedia Communication
GMD 205	Video Production: Promotional and Informational Communication
GMD 303	Illustration II
GMD 360	Communication and Design Studio *
GMD 404	Performance Media Lab *
GMD 421	Project
GMD 433	Research *
MKT 301	Principles of Marketing
MKT 319	Advertising and Integrated Marketing Communications
MKT 412	Marketing Research

Recommended Electives

GMD 103	Adobe Photoshop
GMD 104	Adobe Illustrator
GMD 105	Video Editing
GMD 106	Motion Graphics
GMD 107	Media Techniques

Sample Degree Plan — Graphic and Media Design

Please note that this is a sample plan; all students should consult with an advisor in making course selections.

Year One — Fall

GMD 102	Visual Communications and Design
FA 105	Drawing I *
EN 101	Composition I *
MA	Mathematics (MT) core course *
DSC 101	DISCOVER First-Year Seminar *

EN 101: WR core course

FA 105: Required FNA for the graphic design specialty; students in other specialties may take FA 105 or another FNA course

Year One — Spring

COMM 100	Introduction to Media Communication
GMD 200	Electronic Publishing
EN 102	Composition II *
TRS 100	Theological Inquiry *
	Natural Science (NS) core course with lab *

EN 102: WR core course

TRS 100: TRS-1 core course

Year Two — Fall

	One (1) specialty course
	One (1) writing and presentation course
PH 100	Introduction to Philosophy *
	Introductory Social Science (SS-1) core course *
	One (1) general elective

PH 100: PH-1 core course

Year Two — Spring

GMD 203	Digital Photography
GMD 255	Typography
	One (1) writing and presentation course
	Introductory Social Science (SS-1) core course *
	One (1) general elective

Year Three — Fall

GMD 305	Publication Design
GMD 308	Web and Social Media Design
	One (1) specialty course
PH	Advanced Philosophy (PH-2) or Philosophical Ethics (PH-E) core course *
	One (1) general elective

Year Three — Spring

GMD 360	Communication and Design Studio *
HI	Introductory History (HI-1) core course *
EN	Introductory Literature (LT-1) core course *
	Introductory Social Science (SS-1) or Natural Science (NS) core course *
	One (1) general elective

Year Four — Fall

GMD 405	Portfolio
	One (1) major elective
	Advanced Literature (LT-2) or Advanced History (HI-2) core course *
	Advanced Theology/Religious Studies (TRS-2) core course *
	Two (2) general electives

Year Four — Spring

GMD 400	Internship *
	One (1) specialty course
	One (1) major elective or one (1) general elective
	Advanced Social Science (SS-2) core course *
	One (1) general elective

* Fulfills Liberal Arts Core/University Requirements. See University Requirements and the Liberal Arts Core (p. 59) and the Course Descriptions (p. 203) for further information.

B.A. in Graphic and Media Design to M.B.A. Program

This pre-M.B.A. program allows advanced graphic and media design students to begin to pursue their M.B.A. degree while completing their undergraduate program. If students begin their graduate coursework while completing their undergraduate programs, they could earn their undergraduate and graduate degrees at an accelerated rate.

Graphic and Media Design students can supplement their undergraduate coursework with up to six credits of specified M.B.A. graduate courses. The M.B.A. courses would satisfy both graduate and undergraduate program requirements.

Students would be allowed to enroll in up to four graduate-level M.B.A. courses while completing undergraduate coursework; however, only two of those courses (6 credits) would be eligible for application to the undergraduate degree. If students opt to take an

additional two courses at the graduate level while completing the undergraduate degree, these courses would only apply to the graduate program requirements. All four graduate courses would satisfy M.B.A. program requirements.

Admission Requirements

In addition to meeting the universitywide undergraduate admission requirements, students are permitted to submit an application and, if approved, take graduate M.B.A. courses if they have

- at least 60 credits but no more than 90 credits and
- a minimum cumulative GPA of 3.4.

MBA Courses

MBA 511	Management Foundations
MBA 512	Accounting for Managers
MBA 515	Management in Organizations
MBA 521	Marketing Concepts and Practice

Graphic and Media Design (Minor)

Minor Requirements

COMM 100	Introduction to Media Communication
GMD 102	Visual Communications and Design
GMD 200	Electronic Publishing
GMD 203	Digital Photography

Nine (9) additional credits in GMD courses. At least two (2) of the courses, for a total of six (6) credits, should be at the 300 or 400 level.

Web Design (Minor)

Minor Requirements

GMD 308	Web and Social Media Design
GMD 404	Performance Media Lab *
IT 125	Web Development
IT 130	Java Programming
IT 225	Advanced Web Development
IT 310	Database Technology

Six (6) additional credits in IT or GMD courses approved by an advisor.

History

History (B.A.)

History is the story of past human events and the study of social, cultural, or intellectual continuity and change over time. The history program at Marymount focuses primarily on the areas of European and American history. Resources for the study of history in the Washington area are extraordinary, and many students find opportunities to witness firsthand history-making events in this capital city.

The history major — traditionally a preparation for careers in law, business, teaching, research, and many other fields — includes courses essential to the study of the European and American traditions. The requirements of the major are deliberately flexible to accommodate a variety of options within the discipline and with other fields of study.

Internship opportunities in the Washington area are outstanding. The study abroad program offers internship and study programs in numerous locations. The most popular destinations include England, Ireland, and Italy.

History majors are encouraged to consider a minor concentration in another discipline.

Upon successful completion of the history program, students will be able to

- demonstrate the ability to critically analyze and assess primary and secondary sources within their historical contexts;
- demonstrate the ability to interpret history through research and synthesis of evidentiary sources and application of theory and method; and
- demonstrate the ability to apply historical knowledge effectively through the construction and communication of oral and written arguments in a professional forum.

Minors are offered in history and public history as well as a secondary-level teaching licensure program.

Degree Requirements — History

This degree requires a total of 120 credits.

Liberal Arts Core and University Requirements

See University Requirements and the Liberal Arts Core (p. 59) for details. History majors will satisfy the three-course university Writing Intensive (WI) requirement in the following way: HI 250 Research and Writing and HI 420 Senior Seminar, and one elective course from

HI 322 Colonial and Revolutionary America and HI 365 History of Medieval Europe.

Major Requirements

To fulfill the requirements of the major, all students in this program will take the following coursework in a sequence determined in collaboration with a faculty advisor. Some courses also satisfy Liberal Arts Core and/or University Requirements.

HI 103	Western Civilization I *
HI 104	Western Civilization II *
HI 110	History of the United States to 1877 *
HI 111	History of the United States since 1877 *
HI 250	Research and Writing *
HI 400	Internship *
HI 420	Senior Seminar *

Eighteen (18) credits in history electives at the 300 level.

Sample Degree Plan — History

Please note that this is a sample plan; all students must consult with an advisor in making course selections.

Year One — Fall

HI 103	Western Civilization I *
EN 101	Composition I *
MA	Mathematics (MT) core course *
POL 104	American Government *
DSC 101	DISCOVER First-Year Seminar *

EN 101: WR core course

HI 103: HI-1 core course

POL 104: SS-1 core course

Year One — Spring

HI 104	Western Civilization II *
EN 102	Composition II *
	Introductory Social Science (SS-1) core course *
	Natural Science (NS) core course with lab *
TRS 100	Theological Inquiry *

EN 102: WR core course

TRS 100: TRS-1 core course

Year Two — Fall

HI 110	History of the United States to 1877 *
HI 250	Research and Writing *
EN	Introductory Literature (LT-1) core course *
PH 100	Introduction to Philosophy *
	One (1) elective

PH 100: PH-1 core course

Year Two — Spring

HI 111	History of the United States since 1877 *
	One (1) 300-level English (LT-2) core course *
	Fine Arts (FNA) or Advanced Literature (LT-2) core course *
	Introductory Social Science (SS-1) or Natural Science (NS) core course *
	One (1) elective

Year Three — Fall

	Two (2) 300-level history courses
	Advanced Theology/Religious Studies (TRS-2) or Theological Ethics (TRS-E) core course *
	Two (2) electives

Year Three — Spring

	Two (2) 300-level history courses
PH	Advanced Philosophy (PH-2) or Philosophical Ethics (PH-E) core course *
	Advanced Social Science (SS-2) core course (politics recommended) *
	One (1) elective

Year Four — Fall

	Two (2) 300-level history courses
	Three (3) electives

Year Four — Spring

HI 400	Internship *
HI 420	Senior Seminar *
	One (1) 300-level history course
	One (1) elective

HI 400: Internship may be taken for 6 credits or 3 credits plus one (1) 300-level history course. HI 400 fulfills the University Requirement for Experiential Learning.

* Fulfills Liberal Arts Core/University Requirements. See University Requirements and the Liberal Arts Core (p. 59) and the Course Descriptions (p. 203) for further information.

History/Social Science with Secondary Teaching Licensure (B.A. in History)

This program of study allows students to complete a baccalaureate degree in history and also be licensed to teach secondary history and social science at the end of four years. Students pursuing licensure in this manner complete all requirements necessary for Virginia

licensure, including field experiences and student teaching.

Admission Requirements: Students in this program must seek admission to the teacher licensure program and apply for student teaching. See the education section (p. 182) for admission requirements and procedures.

Degree Planning: Students in this program must take courses as specified to ensure fulfillment of state licensure requirements. In addition to working with a history advisor, students must see an education advisor in the School of Sciences, Mathematics, and Education for further assistance in degree planning.

Also, course rotations vary, and not every course is available each semester. Course rotations are specified in the course descriptions in this catalog. Individual advising is important to ensure students meet all major and teaching licensure requirements.

Minimum Grade Requirements: Students must maintain a 3.0 grade point average in their major. A grade of a C or better is required in professional studies courses. Professional studies courses are those associated with teacher preparation. An overall 2.5 GPA is required.

Degree Requirements — History/Social Science with Secondary Teaching Licensure (B.A. in History)

This degree requires a total of 122 credits.

Liberal Arts Core and University Requirements

See University Requirements and the Liberal Arts Core (p. 59) for details. Students will satisfy the three-course university Writing Intensive (WI) requirement in the following way: HI 250 Research and Writing, HI 322 Colonial and Revolutionary America, and HI 420 Senior Seminar. (If the student elects to take HI 327 Virginia and the Old South, another WI course must be substituted for HI 322 Colonial and Revolutionary America.)

Major Requirements

To fulfill the requirements of the major, all students in this program will take the following coursework in a sequence determined in collaboration with a faculty advisor. Some courses also satisfy Liberal Arts Core and/or University Requirements. Some coursework fulfills teaching licensure requirements as specified by the Commonwealth of Virginia.

ECO 211	Principles of Macroeconomics *
ED 200	Foundations of Teaching and Learning
ED 254	Technology for the K-12 Classroom
ED 337	Literacy in the Content Areas
ED 338	Secondary Education: Curriculum and Methods
ED 351	Assessment to Support Learning in K-12
ED 367	Secondary Teaching Methods in History and Social Science
ED 452	Managing the K-12 Classroom
ED 460S	Student Teaching: Secondary Level *
GEO 201	Introduction to Geography
HI 103	Western Civilization I *
HI 104	Western Civilization II *
HI 110	History of the United States to 1877 *
HI 111	History of the United States since 1877 *
HI 250	Research and Writing *
HI 311	Modern European History: 1914 to the Present *
HI 350	OR Modern United States History *
HI 322	Colonial and Revolutionary America *
HI 420	OR Senior Seminar *
	Twelve (12) credits in 300-level history courses
POL 103	Comparative Politics *
POL 104	American Government *
PSY 110	Human Growth and Development *
PSY 341	Psychology of Individuals with Exceptionalities *

ED 452 and ED 460S must be taken at the same time.

Sample Degree Plan — History/Social Science with Secondary Teaching Licensure (B.A. in History)

Please note that this is a sample plan; all students must consult with an advisor in making course selections.

Year One — Fall

HI 103	Western Civilization I *
EN 101	Composition I *
POL 104	American Government *
DSC 101	DISCOVER First-Year Seminar *
MA	Mathematics (MT) core course *

HI 103: HI-1 core course

EN 101: WR core course

POL 104: SS-1 core course

Year One — Spring

HI 104	Western Civilization II *
EN 102	Composition II *
POL 103	Comparative Politics *
PSY 110	Human Growth and Development *
TRS 100	Theological Inquiry *

EN 102: WR core course

PSY 110: SS-1 core course

TRS 100: TRS-1 core course

Year Two — Fall

HI 110	History of the United States to 1877 *
HI 250	Research and Writing *
ECO 211	Principles of Macroeconomics *
ED 200	Foundations of Teaching and Learning
	One (1) elective

ECO 211: SS-1 core course

Year Two — Spring

HI 111	History of the United States since 1877 *
ED 254	Technology for the K-12 Classroom
PSY 341	Psychology of Individuals with Exceptionalities *
PH 100	Introduction to Philosophy *
EN	Introductory Literature (LT-1) core course *
	One (1) elective

PH 100: PH-1 core course

PSY 341: SS-2 core course

Year Three — Fall

HI 114	Introduction to World History *
HI 311	Modern European History: 1914 to the Present *
	OR
HI 350	Modern United States History *
ED 338	Secondary Education: Curriculum and Methods
ED 351	Assessment to Support Learning in K-12
	Fine Arts (FNA) or Advanced Literature (LT-2) core course *

HI 311, HI 350: HI-2 core course

Year Three — Spring

HI 322	Colonial and Revolutionary America *
	OR
	One (1) 300-level history course
ED 337	Literacy in the Content Areas
GEO 201	Introduction to Geography
	Advanced Theology/Religious Studies (TRS-2) or Theological Ethics (TRS-E) core course *

Year Four — Fall

	Two (2) 300-level history courses
ED 367	Secondary Teaching Methods in History and Social Science
PH	Advanced Philosophy (PH-2) or Philosophical Ethics (PH-E) core course *
	Natural Science (NS) core course with lab *

Year Four — Spring

HI 420	Senior Seminar *
	One (1) 300-level history course
ED 452	Managing the K-12 Classroom
ED 460S	Student Teaching: Secondary Level *

* Fulfills Liberal Arts Core/University Requirements. See University Requirements and the Liberal Arts Core (p. 59) and the Course Descriptions (p. 203) for further information.

History (Minor)**Minor Requirements**

HI 103	Western Civilization I *
	OR
HI 104	Western Civilization II *
HI 110	History of the United States to 1877 *
	OR
HI 111	History of the United States since 1877 *

Nine (9) additional credits in history courses beyond the introductory level, one of which must be designated Writing Intensive (WI).

Public History (Minor)

The public history minor is an innovative, interdisciplinary program that provides the skills and information associated with careers in museums, historical societies, national parks, corporate archives, and heritage tourism industries. Capitalizing on Marymount's proximity to some of the nation's premiere cultural and historical institutions, this minor combines hands-on experience with traditional coursework.

Minor Requirements

Fifteen (15) credits total

Required: three (3) credits

HI 295	Introduction to Public History
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HI 295 may be taken at any time. It is not a prerequisite for the rest of the program.

Six (6) credits (two courses), choosing from among the following:

HI 307	Museum Studies
HI 330	The United States: Civil War and Reconstruction
HI 342	The Old West in American Memory *

Six (6) credits, choosing among the following:

FA 201	Introduction to Art History: Ancient to Medieval *
FA 202	Introduction to Art History: Renaissance to Modern *
FA 410	Topics in Art History *
GMD 102	Visual Communications and Design
GMD 308	Web and Social Media Design
ID 453	Modern Design and Architecture
ID 454	Historic Preservation *
IT 125	Web Development

To ensure adequate contextual grounding, it is recommended that non-history majors take at least two of the following survey courses: HI 103, HI 104, HI 110, or HI 111.

Working in consultation with the history faculty, students may also take relevant courses through the consortium and may arrange internships at public history agencies.

Public history minors are encouraged to gear their internship toward public history when compatible with their major.

Interdisciplinary Studies

Gender and Society (Minor)

The gender and society minor provides students with the tools they need to participate competently in society's current and ongoing conversation about gender. It illuminates the images of femininity and masculinity that shape cultural representations of gender, offers new insight into human difference and diversity, and enhances individual choice and our common humanity. This minor enhances career preparation in that students will be well suited for jobs with advocacy groups; human rights organizations; environmental and consumer groups; health care organizations; and youth, elderly, and social services.

Minor Requirements

IS 200	Approaches to Gender and Society *
IS 420	Gender and Society Capstone

Fifteen (15) credits in a minimum of three academic disciplines (12 credits outside the major), choosing from the following:

AA 410	Fashion Consulting and Culture
COMM 220	Intercultural Communication *
ECO 350	Economics of Poverty *
EN 230	American Multicultural Literature *
EN 340	Major Women Writers *
IS 300	Advanced Gender Studies
PSY 110	Human Growth and Development *
PSY 220	Social Psychology
PSY 321	Psychology of Gender *
SOC 306	Poverty, Wealth, and Inequality *
SOC 350	Social Justice *
SOC 365	Gender Inequality in Global Perspective *
SOC 375	Topics in Human Rights *
SOC 385	Global Inequality and Community Development *
TRS 362	Friendship, Marriage, and God *

International Studies (Minor)

The international studies minor provides an interdisciplinary examination of cultures and societies outside the United States as well as an exploration of political, economic, social, and cultural interconnections among nation states, nongovernmental organizations, and ethnic and religious groups around the world. International studies coursework is combined with language study, study abroad, and a presentation of capstone thesis to include 15 credits plus study abroad and language. Please see Graduation Honors (p. 50) for information about counting study abroad credits toward graduation honors.

Minor Requirements

SOC 203	The Global Village *
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Twelve (12) elective credits outside the required coursework for the student's major, in at least three different disciplines, from the following:

ECO 211	Principles of Macroeconomics *
ECO 485	International Economics *
EN 204	World Literature: Romanticism through Post-Modernism *
FR 303	Contemporary French Civilization
HI 311	Modern European History: 1914 to the Present *
IS 421	Project
IT 110	Information Technology in the Global Age *

MGT 385	International Business *
MKT 485	International Marketing *
PH 365	Asian Philosophy *
POL 102	International Relations *
POL 103	Comparative Politics *
POL 240	Global Security *
POL 241	Global Political Economy *
POL 380	Politics of Latin America *
POL 381	Politics of Sub-Saharan Africa *
POL 382	Politics of Western Europe *
POL 385	Politics of South Asia *
POL 386	Politics of East Asia *
PSY 325	Cultural Psychology *
SOC 204	Cultural Diversity *
SOC 365	Gender Inequality in Global Perspective *
SOC 375	Topics in Human Rights *
SOC 385	Global Inequality and Community Development *
SP 303	Spanish Civilization and Culture
TRS 202	Religions of the World *
TRS 325	Religious Approaches to Death *
TRS 345	Buddhist Traditions *

Language

Students must show a level of skill in a non-native language equivalent to the successful completion of a second-semester college-level language course. There are two different ways to meet the requirement:

1. Complete six (6) credits of college-level coursework at the elementary level, which may include courses combining language and culture, or complete three (3) credits of college-level foreign language at the intermediate level. AP, IB, and CLEP equivalencies are accepted.
2. Receive a waiver from a faculty member of the International Studies Steering Committee. Waivers will be granted when a student can show knowledge of a language equivalent to two semesters of college-level work either in a proctored exam or with a transcript showing prior schooling in a language other than English.

Study Abroad

Minimum of three (3) credits in a study abroad program approved by the Center for Global Education. A full semester abroad is strongly recommended. Students with substantial experience living outside the United States may request a waiver from a faculty member or the International Studies Steering Committee.

With the approval of the International Studies Steering Committee, up to three (3) credits of a language course may count toward the elective requirement.

With the approval of the International Studies Steering Committee, courses taken during an approved study abroad program may count as international studies electives provided they cover international studies, broadly defined.

Media and Performance Studies (Minor)

The media and performance studies minor provides an interdisciplinary examination of film, video, television, multimedia, and Web 2.0 texts with a primary emphasis on textual interpretation and theory and a secondary focus on production. The program seeks to improve students' fluency with media, both for academic and commercial applications, in order to enhance students' understanding of their major disciplinary field. Students will apply their interdisciplinary knowledge through a capstone project that results in a creative presentation, documentary, or ethnographic visual text, or other multimedia production.

Minor Requirements

IS 240	Introduction to Film and Visual Studies *
EN 240	Introduction to Film and Visual Studies *
GMD 404	Performance Media Lab *

Minor Elective Courses

Nine (9) credits (6 outside of the student's major) from the following:

EN 207	Theater History *
EN 220	The Movie or the Book? Narrative Adaptation in the Cinema *
IS 220	The Movie or the Book? Narrative Adaptation in the Cinema *
EN 321	Modern Drama *
EN 429	Studies in Performance *
FA 380	Movements in Modern Art *

Six (6) additional credits outside of the student's major from the following:

COMM 204	Video Production: Multimedia Communication
EN 212	Topics in Acting
EN 270	Approaches to Creative Writing *
EN 305	Topics in Creative Writing
FA 103	Two-Dimensional Design
FA 395	Advanced 2-D Studio *

GMD 202	Illustration I *
GMD 203	Digital Photography
GMD 205	Video Production: Promotional and Informational Communication
GMD 308	Web and Social Media Design
GMD 404	Performance Media Lab *

Public Health (Minor)

See public health minor (p. 152) under interdisciplinary studies in the Malek School of Health Professions.

Social Entrepreneurship (Minor)

See social entrepreneurship minor (p. 189) under interdisciplinary studies in the School of Business and Technology.

Sustainability (Minor)

See sustainability minor (p. 189) under interdisciplinary studies in the School of Business and Technology.

Interior Design

Interior Design (B.A.)

The mission of the M. Wilhelmina Boldt Interior Design undergraduate program is to prepare students for careers as creative, ethically responsible, proficient interior designers. The curriculum combines the Liberal Arts Core requirements with professionally directed coursework to develop practitioners with a commitment to critical thinking, lifelong learning, and concern for the well-being of people and the environment. Graduates enter practice as entry-level interior designers for both residential and commercial interior spaces, possessing a theoretical and practical knowledge in design, space planning, and programming.

Graduates may pursue careers with interior design firms, architectural firms, corporate facilities, and government agencies. The program is accredited by the Council for Interior Design Accreditation (CIDA).

Internships are available during the junior and senior years with nationally recognized architectural and design firms, furniture and interior retailers, contract designers, and other organizations utilizing design consultants. The program offers exhibitions of student and professional work, takes students on field trips, and taps the resources of the Washington, DC, design community.

Upon successful completion of the interior design program, students will be able to

- articulate a global view and integrate considerations of social, cultural, economic, and ecological contexts in their work;
- demonstrate awareness of the role of interior designers in the design process and the value of integrated design practices in order to effectively collaborate with multiple disciplines in developing design solutions;
- demonstrate an understanding of the fundamental principles and processes that define the profession of interior design and the value of interior design to society;
- apply knowledge of human experience and behavior to designing the built environment;
- employ all aspects of the design process to creatively solve a design problem;
- communicate effectively in both oral and written formats;
- apply knowledge of history and theory of interiors, architecture, decorative arts, and art when solving design problems;
- apply elements and principles of design;
- use color effectively in communication and design work;
- develop design solutions that integrate furnishings, products, materials, and finishes;
- effectively use the principles of lighting, acoustics, thermal comfort, and indoor air quality in relation to environmental impact and human well-being;
- demonstrate an understanding of interior construction and its interrelationship with base building construction and systems; and
- formulate designs that are in compliance with laws, codes, standards, and guidelines that impact human experience of interior spaces.

Interior design majors are encouraged to join the student Interior Design Alliance, which supports individual memberships in the American Society of Interior Designers (ASID) and the International Interior Design Association (IIDA).

Admission Criteria for Nondegree Students: Only interior design practitioners and students from other accredited colleges or universities may take courses on a nondegree basis, provided prerequisites are fulfilled.

Admission Criteria for Transfer Students: Transfer admission to the interior design program is limited and competitive. A departmental admissions committee

reviews student portfolio work to determine placement. A minimum GPA of 3.0 and a letter of intent are recommended.

Program Requirement: Each student entering the first-year interior design curriculum is required to have a laptop computer. State-of-the-art electronic studios allow students to access industry-standard software and printers.

Residency Requirements: Students must complete a minimum of 36 credits at Marymount. These credits must include ID 407 Practice Studio III, ID 408 Senior Capstone I, ID 409 Senior Capstone II, ID 400 Internship, and two three-credit ID electives.

Degree Requirements — Interior Design

This degree requires a total of 127 credits.

Liberal Arts Core and University Requirements

See University Requirements and the Liberal Arts Core (p. 59) for details. Interior design majors will satisfy the three-course university Writing Intensive (WI) requirement in the following way: ID 408 Senior Capstone I, ID 454 Historic Preservation, and ID 435 Advanced Professional Practice.

Major Requirements

To fulfill the requirements of the major, all students in this program will take the following coursework in a sequence determined in collaboration with a faculty advisor. Some courses also satisfy Liberal Arts Core and/or University Requirements.

FA 103	Two-Dimensional Design
FA 104	Color Theory *
FA 202	Introduction to Art History: Renaissance to Modern *
ID 101	Introduction to Interior Design and Theory
ID 102	Foundation Studio I
ID 121	Freehand Drafting
ID 122	Sketching and Rendering for Ideas
ID 203	Foundation Studio II
ID 204	Foundation Studio III *
ID 223	Presentation Drawings
ID 231	Textiles and Finish Materials
ID 305	Practice Studio I
ID 306	Practice Studio II *
ID 325	Construction Documents
ID 332	Building Technology
ID 333	Lighting Design
ID 350	History of Interiors I

ID 351	History of Interiors II
ID 400	Internship *
ID 407	Practice Studio III
ID 408	Senior Capstone I *
ID 409	Senior Capstone II *
ID 434	Business Procedures *

Six (6) credits in interior design electives.

Three (3) additional credits in electives.

Sample Degree Plan — Interior Design

Please note that this is a sample plan; all students must consult with an advisor in making course selections.

Year One — Fall

FA 103	Two-Dimensional Design
ID 101	Introduction to Interior Design and Theory
ID 121	Freehand Drafting
EN 101	Composition I *
DSC 101	DISCOVER First-Year Seminar *

EN 101: WR core course

Year One — Spring

FA 104	Color Theory *
ID 102	Foundation Studio I
ID 122	Sketching and Rendering for Ideas
EN 102	Composition II *
	Introductory Social Science (SS-1) core course *

EN 102: WR core course

Year Two — Fall

ID 203	Foundation Studio II
HI	Introductory History (HI-1) core course *
EN	Introductory Literature (LT-1) core course *
MA	Mathematics (MT) core course *
TRS 100	Theological Inquiry *

TRS 100: TRS-1 core course

Year Two — Spring

FA 202	Introduction to Art History: Renaissance to Modern *
ID 204	Foundation Studio III *
ID 223	Presentation Drawings
ID 231	Textiles and Finish Materials
	Natural Science (NS) core course with lab *

Year Three — Fall

ID 305	Practice Studio I
ID 325	Construction Documents
ID 332	Building Technology
ID 350	History of Interiors I
	Introductory Social Science (SS-1) core course *

Year Three — Spring

ID 306	Practice Studio II *
ID 333	Lighting Design
ID 351	History of Interiors II
	Introductory Social Science (SS-1) or Natural Science (NS) core course *
PH 100	Introduction to Philosophy *
	Advanced Social Science (SS-2) core course *

PH 100: PH-1 core course

Year Four — Fall

ID 407	Practice Studio III
ID 408	Senior Capstone I *
ID 434	Business Procedures *
	One (1) interior design elective
PH	Advanced Philosophy (PH-2) or Philosophical Ethics (PH-E) core course *
	One (1) general elective

Year Four — Spring

ID 400	Internship *
ID 409	Senior Capstone II *
	One (1) interior design elective
	Advanced Literature (LT-2) or Advanced History (HI-2) core course *
	Advanced Theology/Religious Studies (TRS-2) or Theological Ethics (TRS-E) core course *

* Fulfills Liberal Arts Core/University Requirements. See University Requirements and the Liberal Arts Core (p. 59) and the Course Descriptions (p. 203) for further information.

Liberal Studies**Liberal Studies (B.A.)**

Liberal studies is a unique major at Marymount that provides a broad general education and the opportunity to gain knowledge in two major fields that are designated as concentrations. Some examples of concentration options are biology/physical sciences,

business and information technology, communication, English, fine and applied arts, gender and society, graphic design, history, humanities, mathematics, philosophy/religious studies/theology, politics, and social sciences (psychology/sociology/criminal justice). Other concentrations may be considered.

Liberal studies is a degree completion program for students changing majors in junior year or later, for transfer students from other institutions, and for nontraditional students with previously earned college credits and full-time work experience. The program provides an efficient way to maximize the number of transfer credits and/or shorten the time required for graduation in a single discipline. Students must have completed at least 45 credits to enter the program.

The liberal studies program consists of three components: the Liberal Arts Core, the two concentrations, and the liberal studies triad (LS 300, LS 400, and LS 420).

Upon successful completion of the liberal studies program, students will be able to

- demonstrate appropriate levels of knowledge of content from two areas of concentration;
- apply and integrate methods from different disciplines in research and analysis that examine an issue from multiple perspectives, effectively incorporating and synthesizing information from two different disciplines;
- find, use, and evaluate a variety of sources of information and demonstrate competence in a documentation style appropriate to their discipline;
- produce a well-structured and well-written argumentative essay of substantial length that supports students' claims, evaluates opposing and/or alternate viewpoints, and reaches a conclusion logically arising from the discussion;
- communicate ideas clearly in an oral presentation, defending conclusions effectively and responding extempore to questions and critiques; and
- demonstrate an understanding of the value of lifelong learning by articulating how educational experiences relate to careers and daily life.

The portfolio contains a collection of experiential and scholarly writings, including a lengthy senior thesis in which the student conducts scholarly research that integrates knowledge of the student's two fields of concentration. The portfolio is often sent to prospective employers to demonstrate students' high level of

research and writing skills and knowledge of the controversial issues in their fields of concentration.

Degree Requirements — Liberal Studies

This degree requires a total of 120 credits.

Liberal Arts Core and University Requirements

See University Requirements and the Liberal Arts Core (p. 59) for details. Liberal studies majors will satisfy the three-course university Writing Intensive (WI) requirement in the following way: LS 300 Liberal Studies Readings and Portfolio Development, LS 420 Senior Seminar, and one additional WI course from an area of concentration or from the Liberal Arts Core or university electives.

Major Requirements

To fulfill the requirements of the major, all students in this program will take the following coursework in a sequence determined in collaboration with a faculty advisor. Some courses also satisfy Liberal Arts Core and/or University Requirements.

Major Required Courses

Students will take a triad of liberal studies-specific courses:

LS 300	Liberal Studies Readings and Portfolio Development *
LS 400	Liberal Studies Internship *
LS 420	Senior Seminar *

Students with significant work history may fulfill the internship requirement through submission of a portfolio (LS 400 PACE Internship), with approval of the dean of the School of Design, Arts, and Humanities.

Concentrations

Liberal studies majors will complete two concentrations for a total of 36 credits.

Students may take 18 credits in each field or as few as 15 credits in one of the fields, as long as the required 36-credit total for the two concentrations is met. Of these 36 credits, a total of 18 credits must be completed in concentration courses numbered 300 or above; students may take nine (9) credits in each field, or as few as six (6) credits in one of the fields, as long as the required total of 18 credits of 300-level courses is met.

NOTE: Courses used to fulfill students' requirements in their two concentrations cannot be used to fulfill Liberal Arts Core requirements.

Liberal studies majors who desire a concentration in either gender and society or humanities must satisfy the requirements listed below.

Gender and Society Concentration

Five to seven courses in a minimum of three academic disciplines from the following:

AA 410	Fashion Consulting and Culture
EN 340	Major Women Writers *
EN 230	American Multicultural Literature *
PSY 110	Human Growth and Development *
PSY 220	Social Psychology
PSY 250	Biological Bases of Behavior
PSY 321	Psychology of Gender *
SOC 203	The Global Village *

Courses used for this concentration cannot be used to fulfill Liberal Arts Core requirements.

Humanities Concentration

Five to seven courses in a minimum of three of the following academic disciplines: English, fine arts, history, philosophy, and theology and religious studies. Courses selected for this concentration cannot be used to fulfill Liberal Arts Core requirements.

Sample Degree Plan — Liberal Studies

Due to the nature of the liberal studies degree, each student will create an individualized two-year completion plan in conjunction with an advisor. The required liberal studies triad courses should be scheduled as follows.

LS 300 — Fall, Year One

LS 400 — Fall, Year Two

LS 420 — Spring, Year Two

* Fulfills Liberal Arts Core/University Requirements. See University Requirements and the Liberal Arts Core (p. 59) and the Course Descriptions (p. 203) for further information.

B.A. in Liberal Studies to M.B.A. Program

This pre-M.B.A. program allows advanced liberal studies students to begin to pursue their M.B.A. degree while completing their undergraduate program. If students begin their graduate coursework while completing their undergraduate programs, they could earn their undergraduate and graduate degrees at an accelerated rate.

Liberal Studies students can supplement their undergraduate coursework with up to six credits of specified M.B.A. graduate courses. The M.B.A. courses would satisfy both graduate and undergraduate program requirements.

Students would be allowed to enroll in up to four graduate-level M.B.A. courses while completing undergraduate coursework; however, only two of those courses (six credits) would be eligible for application to the undergraduate degree. If students opt to take an additional two courses at the graduate level while completing the undergraduate degree, these courses would only apply to the graduate program requirements. All four graduate courses would satisfy M.B.A. program requirements.

Admission Requirements

In addition to meeting the universitywide undergraduate admission requirements, students are permitted to submit an application and, if approved, take graduate M.B.A. courses if they have

- at least 60 credits but no more than 90 credits and
- a minimum cumulative GPA of 3.4.

MBA Courses

MBA 511	Management Foundations
MBA 512	Accounting for Managers
MBA 515	Management in Organizations
MBA 521	Marketing Concepts and Practice

Philosophy

Philosophy (B.A.)

The study of philosophy promotes rational and critical thinking and provides a sense of our intellectual traditions from the ancient, medieval, and modern periods.

The philosophy major aims to develop a critical and articulated understanding of basic beliefs and value judgments. Students of philosophy become acquainted with the intellectual foundation of much of Western culture and find opportunities to compare it to the tenets of other cultures. They also learn to analyze problems through a variety of methods.

Philosophy majors become qualified for careers in which a liberal arts degree is desirable. It is the recommended undergraduate major for students intending to pursue advanced studies in philosophy, religion, or theology, or in many areas of professional study, such as law. Internships in a variety of human

service agencies or congressional offices add to the practical dimension of the study.

Upon successful completion of the philosophy program, students will be able to

- demonstrate an awareness of the broad and deep understanding of issues concerning fundamental problems of human existence;
- synthesize and assess ethical and moral arguments;
- articulate the role of reason in the understanding and in the creation of personal world views;
- conduct appropriate research to develop considered responses to questions about philosophical problems using their knowledge of philosophical claims and theories; and
- demonstrate epistemic virtues such as intellectual curiosity, courage to engage in independent inquiry, humility to hold beliefs provisionally, and a commitment to perfect one's personal world view.

Degree Requirements — Philosophy

This degree requires a total of 120 credits.

Liberal Arts Core and University Requirements

See University Requirements and the Liberal Arts Core (p. 59) for details. Philosophy majors will satisfy the three-course university Writing Intensive (WI) requirement by taking three of the following courses: PH 330 Philosophy of Mind, PH 345 Philosophy of Religion, PH 355 Phenomenology and Existentialism, PH 360 Philosophy and Literature, PH 365 Asian Philosophy, and PH 370 Philosophy of Art.

Major Requirements

To fulfill the requirements of the major, all students in this program will take the following coursework in a sequence determined in collaboration with a faculty advisor. Some courses also satisfy Liberal Arts Core and/or University Requirements.

PH 100	Introduction to Philosophy *
PH 300	Modern Logic *
PH 400	Internship *
PH 422	Senior Seminar *
	Eighteen (18) credits in philosophy electives

Sample Degree Plan — Philosophy

Please note that this is a sample plan; all students must consult with an advisor in making course selections.

Year One — Fall

EN 101	Composition I *
HI	Introductory History (HI-1) core course *
	Introductory Social Science (SS-1) core course *
MA	Mathematics (MT) core course *
DSC 101	DISCOVER First-Year Seminar *

EN 101: WR core course

Year One — Spring

EN 102	Composition II *
PH 100	Introduction to Philosophy *
	Natural Science (NS) core course with lab *
TRS 100	Theological Inquiry *
	One (1) elective

EN 102: WR core course

PH 100: PH-1 core course

TRS 100: TRS-1 core course

Year Two — Fall

PH 309	Ethical Theory *
	One (1) philosophy course
EN	Introductory Literature (LT-1) core course *
	Introductory Social Science (SS-1) core course *
	One (1) elective

PH 309: PH-E core course

Year Two — Spring

PH 300	Modern Logic *
	One (1) philosophy course
	Introductory Social Science (SS-1) or Natural Science (NS) core course *
	Advanced Theology/Religious Studies (TRS-2) core course *
	One (1) elective

Year Three — Fall

	One (1) philosophy course
	Advanced Social Science (SS-2) core course *
	Three (3) electives

Year Three — Spring

	One (1) philosophy course
	Fine Arts (FNA), Advanced Literature (LT-2), or Advanced History (HI-2) core course *
	Three (3) electives

Year Four — Fall

	One (1) philosophy course
	Fine Arts (FNA), Advanced Literature (LT-2), or Advanced History (HI-2) core course *
	Three (3) electives

Year Four — Spring

PH 400	Internship *
PH 422	Senior Seminar *
	Three (3) electives

* Fulfills Liberal Arts Core/University Requirements. See University Requirements and the Liberal Arts Core (p. 59) and the Course Descriptions (p. 203) for further information.

B.A. in Philosophy to M.B.A. Program

This pre-M.B.A. program allows advanced philosophy students to begin to pursue their M.B.A. degree while completing their undergraduate program. If students begin their graduate coursework while completing their undergraduate programs, they could earn their undergraduate and graduate degrees at an accelerated rate.

Philosophy students can supplement their undergraduate coursework with up to six credits of specified M.B.A. graduate courses. The M.B.A. courses would satisfy both graduate and undergraduate program requirements.

Students would be allowed to enroll in up to four graduate-level M.B.A. courses while completing undergraduate coursework; however, only two of those courses (six credits) would be eligible for application to the undergraduate degree. If students opt to take an additional two courses at the graduate level while completing the undergraduate degree, these courses would only apply to the graduate program requirements. All four graduate courses would satisfy M.B.A. program requirements.

Admission Requirements

In addition to meeting the universitywide undergraduate admission requirements, students are permitted to submit an application and, if approved, take graduate M.B.A. courses if they have

- at least 60 credits but no more than 90 credits and
- a minimum cumulative GPA of 3.4.

MBA Courses

MBA 511	Management Foundations
MBA 512	Accounting for Managers
MBA 515	Management in Organizations
MBA 521	Marketing Concepts and Practice

Philosophy (Minor)**Minor Requirements**

PH 100	Introduction to Philosophy *
	Twelve (12) additional credits in philosophy courses

Politics**Politics (B.A.)**

Resources for the study of politics in the Washington area are extraordinary, and students frequently have the opportunity to participate in many history-making events that occur in this capital city. The program presents a structured curriculum of courses in political theory, international relations, and the politics and governmental institutions of the United States and foreign countries. Students majoring in politics are encouraged to consider a minor in communication, economics, English, history, information technology, international studies, or philosophy.

Seniors are required to complete an internship in a government agency, congressional office, corporate government affairs department, or other site approved by the academic internship mentor for politics. Seniors must also complete the senior seminar.

Upon successful completion of the politics program, students will be able to

- explain the internal logic of basic political science concepts such as power, institutions, political systems, the state, conflict, and citizenship;
- acquire factual knowledge using appropriate sources;
- interpret information as a way to evaluate abstract or conceptual ideas;
- understand the motivations and beliefs of political actors from their own perspectives;
- use conceptual ideas to evaluate novel situations;
- express analysis and conclusions in clear writing;
- understand the structure and conclusions of scholarly articles in political science; and

- understand, correctly, the basic working of political institutions in the United States and around the world.

Politics Honors: Students who major in politics, achieve at graduation a minimum GPA of 3.5 in politics courses (at least eight credits of which must be completed at Marymount University), and achieve superior performance in the senior thesis are eligible to graduate with honors in politics.

Degree Requirements — Politics

This degree requires a total of 120 credits.

Liberal Arts Core and University Requirements

See University Requirements and the Liberal Arts Core (p. 59) for details. Politics majors will satisfy the three-course university Writing Intensive (WI) requirement in the following way: POL 250 Research and Writing, POL 420 Senior Seminar, and one additional WI course. They will satisfy the Global Perspective requirement with POL 102 International Relations.

Major Requirements

To fulfill the requirements of the major, all students in this program will take the following coursework in a sequence determined in collaboration with a faculty advisor. Some courses also satisfy Liberal Arts Core and/or University Requirements.

POL 102	International Relations *
POL 103	Comparative Politics *
POL 210	Western Political Concepts I
POL 211	Western Political Concepts II
POL 230	American Policy Process *
POL 250	Research and Writing *
POL 400	Internship *
POL 420	Senior Seminar *

Eighteen (18) additional credits in politics courses.

Sample Degree Plan — Politics

Please note that this is a sample plan; all students must consult with an advisor in making course selections.

Year One — Fall

POL 102	International Relations *
EN 101	Composition I *
PH 100	Introduction to Philosophy *
HI	Introductory History (HI-1) core course *
DSC 101	DISCOVER First-Year Seminar *

EN 101: WR core course

PH 100: PH-1 core course

Year One — Spring

EN 102	Composition II *
POL 103	Comparative Politics *
TRS 100	Theological Inquiry *
	Natural Science (NS) core course with lab *
	One (1) elective

EN 102: WR core course

TRS 100: TRS-1 core course

Year Two — Fall

POL 210	Western Political Concepts I
POL 250	Research and Writing *
EN	Introductory Literature (LT-1) core course *
	Introductory Social Science (SS-1) core course *
	Mathematics (MT) core course (MA 132 recommended) *

Year Two — Spring

POL 211	Western Political Concepts II
POL 230	American Policy Process *
	Fine Arts (FNA), Advanced Literature (LT-2), or Advanced History (HI-2) core course *
	Introductory Social Science (SS-1) or Natural Science (NS) core course *
	One (1) elective

POL 230: SS-2 core course

Year Three — Fall

	Fine Arts (FNA), Advanced History (HI-2), or Advanced Literature (LT-2) core course (Advanced History recommended) *
PH	Advanced Philosophy (PH-2) or Philosophical Ethics (PH-E) core course *
	One (1) politics course
	Two (2) electives

Year Three — Spring

	Two (2) politics courses
	Advanced Theology/Religious Studies (TRS-2) or Theological Ethics (TRS-E) core course *
	Two (2) electives

Year Four — Fall

POL 400	Internship *
	Two (2) politics courses
	Two (2) electives

POL 400: Internship may be taken for 3 or 6 credits.

POL 400 fulfills University Requirement for Experiential Learning.

Year Four — Spring

POL 420	Senior Seminar *
	One (1) politics course
	Three (3) electives

* Fulfills Liberal Arts Core/University Requirements. See University Requirements and the Liberal Arts Core (p. 59) and the Course Descriptions (p. 203) for further information.

Politics (B.A.) 3+3 Partnership with Catholic University Law School

Marymount has a direct-entry affiliation agreement with Catholic University's Columbus School of Law. This enables qualified third-year Marymount students in designated majors to be admitted to the first year of law school during their senior year at Marymount. Politics students who are interested in direct entry to the Columbus School of Law after their junior year at Marymount should discuss the 3+3 partnership with their major advisor as soon as they become interested. The advisor will guide students through the selection of Marymount courses and refer them to the Office of Admissions of the Columbus School of Law as potential applicants. Qualified students may receive credit from both Marymount and Catholic University for a maximum of 29 credits taken at the Columbus School of Law. For more information and details on eligibility, please see Pre-Law Studies and Advising (p. 68).

Sample Degree Plan — Politics 3+3 Partnership with Catholic University Law School

Please note that this is a sample plan; all students must consult with an advisor in making course selections.

Year One — Fall

POL 102	International Relations *
EN 101	Composition I *
HI	Introductory History (HI-1) core course *
DSC 101	DISCOVER First-Year Seminar *
	Introductory Social Science (SS-1) core course *

EN 101: WR core course

Year One — Spring

EN 102	Composition II *
POL 103	Comparative Politics *
TRS 100	Theological Inquiry *
	Natural Science (NS) core course with lab *
	One (1) elective

EN 102: WR core course

TRS 100: TRS-1 core course

Year Two — Fall

PH 100	Introduction to Philosophy *
POL 210	Western Political Concepts I
POL 250	Research and Writing *
EN	Introductory Literature (LT-1) core course *
	Mathematics (MT) core course (MA 132 recommended) *

PH 100: PH-1 core course

Year Two — Spring

POL 211	Western Political Concepts II
POL 230	American Policy Process *
	Introductory Social Science (SS-1) core course *
	Introductory Social Science (SS-1) or Natural Science (NS) core course *
	One (1) elective

POL 230: SS-2 core course

Year Three — Fall

	Fine Arts (FNA), Advanced History (HI-2), or Advanced Literature (LT-2) core course (Advanced History recommended) *
PH	Advanced Philosophy (PH-2) or Philosophical Ethics (PH-E) core course *
	Two (2) 300/400-level politics courses
	One (1) elective

Year Three — Spring

POL 400	Internship *
POL 420	Senior Seminar *
	One (1) 300-400 level politics course
	Advanced Theology/Religious Studies (TRS-2) or Theological Ethics (TRS-E) core course *
	Fine Arts (FNA), Advanced Literature (LT-2), or Advanced History (HI-2) core course *

POL 400 fulfills University Requirement for Experiential Learning.

Year Four — Fall (classes to be completed at Columbus School of Law)

Criminal Law (substitute for major elective)

Civil Procedure (yearlong course split over fall and spring — substitute for major elective)

Lawyering Skills (yearlong course split over fall and spring — substitute for elective)

Contracts (yearlong course split over fall and spring — substitute for elective)

Year Four — Spring (classes to be completed at Columbus School of Law)

Contracts (yearlong course split over fall and spring)

Lawyering Skills (yearlong course split over fall and spring)

Civil Procedure (yearlong course split over fall and spring)

Property (substitute for elective)

Torts (substitute for elective)

Constitutional Law (substitute for POL 335 American Constitutional Law)

B.A. in Politics to M.B.A. Program

This pre-M.B.A. program allows advanced politics students to begin to pursue their M.B.A. degree while completing their undergraduate program. If students begin their graduate coursework while completing their undergraduate programs, they could earn their undergraduate and graduate degrees at an accelerated rate.

Politics students can supplement their undergraduate coursework with up to six credits of specified M.B.A. graduate courses. The M.B.A. courses would satisfy both graduate and undergraduate program requirements.

Students would be allowed to enroll in up to four graduate-level M.B.A. courses while completing undergraduate coursework; however, only two of those courses (six credits) would be eligible for application to the undergraduate degree. If students opt to take an additional two courses at the graduate level while completing the undergraduate degree, these courses would only apply to the graduate program requirements. All four graduate courses would satisfy M.B.A. program requirements.

Admission Requirements

In addition to meeting the universitywide undergraduate admission requirements, students are permitted to submit an application and, if approved, take graduate M.B.A. courses if they have

- at least 60 credits but no more than 90 credits and
- a minimum cumulative GPA of 3.4.

MBA Courses

MBA 511	Management Foundations
MBA 512	Accounting for Managers
MBA 515	Management in Organizations
MBA 521	Marketing Concepts and Practice

Politics (Minor)

Minor Requirements

Fifteen (15) credits in POL or HU courses, including at least one course that carries the WI designation.

Theology and Religious Studies

Theology and Religious Studies (B.A.)

This program invites students to examine the significance of religious experience through the disciplines of theology and religious studies. Courses explore the human encounter with the divine through its historical and contemporary expressions in the lives of individuals and communities.

As a Catholic university, Marymount offers courses that examine the richness of the Catholic faith and its theological heritage. This program offers introductory and advanced courses in systematic and moral theology, scripture studies, and church history. These theology courses are combined with religious studies courses that introduce students to the complexity of the religious experience in human existence, the major religious traditions of the world, and the interaction of religion and culture. The department reflects the university's emphasis on ethics by offering an array of courses concerned with social justice and employing service learning.

The major in theology and religious studies aims to develop in students a critical understanding of basic religious beliefs and their embodiment in dynamic religious traditions. The approach to theology and religious studies is critical and analytical. Students in the major are expected to take introductory courses in both theology and religious studies. Students will then

concentrate their upper-division courses. Senior students complete a senior seminar, which assesses the student's comprehensive knowledge and requires a thesis.

Upon successful completion of the theology and religious studies program, students will be able to

- demonstrate an understanding of the relationship between the moral and spiritual dimension of the self and the individual's role in establishing a just community;
- demonstrate an awareness of the dialogue between faith and reason;
- demonstrate an awareness of elementary scriptural, historical, and doctrinal source materials;
- demonstrate respect for the dignity of the human person and for the condition of human diversity through thoughtful engagement with diverse religious traditions;
- practice civil engagement through discussion of religious differences and the possibility of pluralism; and
- demonstrate a global and historical perspective by examining a wide range of religious traditions in their cultural contexts.

Degree Planning: Students in this program who are interested in pursuing graduate studies are strongly encouraged to take a foreign language to fulfill the Global Perspective component of the University Requirements, as well as the history of philosophy sequence, PH 325 Ancient Philosophy and PH 326 Medieval Philosophy.

Degree Requirements — Theology and Religious Studies

This degree requires a total of 120 credits.

Liberal Arts Core and University Requirements

See University Requirements and the Liberal Arts Core (p. 59) for details. Theology and religious studies majors will satisfy the three-course university Writing Intensive (WI) requirement in the following way: TRS 499 Senior Seminar and two elective courses from among TRS 320 American Religious History; TRS 361 Grace and Sin, Heaven and Hell; TRS 362 Friendship, Marriage, and God; TRS 380 Early Christian History; and TRS 381 Medieval and Reformed Theology.

Major Requirements

To fulfill the requirements of the major, all students in this program will take the following coursework in a sequence determined in collaboration with a faculty

advisor. Some courses also satisfy Liberal Arts Core and/or University Requirements.

TRS 100	Theological Inquiry *
TRS 201	Understanding Religion *
TRS 202	Religions of the World *
TRS 400	Internship *
TRS 451	Christian Faith in the Modern World *
TRS 499	Senior Seminar *

Major Elective Courses

One (1) course from the following:

TRS 251	The Religion of the Old Testament *
TRS 260	The New Testament Gospels *
TRS 261	The New Testament Epistles *

One (1) course from the following:

TRS 380	The History of the Early Church *
TRS 381	Medieval and Reformed Theology *
TRS 382	The Church in the Modern World *

Twelve (12) credits in theology and religious studies electives.

Sample Degree Plan — Theology and Religious Studies

Please note that this is a sample plan; all students must consult with an advisor in making course selections.

Year One — Fall

EN 101	Composition I *
MA	Mathematics (MT) core course *
	Introductory Social Science (SS-1) core course *
TRS 100	Theological Inquiry *
DSC 101	DISCOVER First-Year Seminar *

EN 101: WR core course

TRS 100: TRS-1 core course

Year One — Spring

EN 102	Composition II *
HI	Introductory History (HI-1) core course *
	Natural Science (NS) core course with lab *
PH 100	Introduction to Philosophy *
	One (1) elective

EN 102: WR core course

PH 100: PH-1 core course

Year Two — Fall

TRS 201	Understanding Religion *
TRS 251	The Religion of the Old Testament *
TRS 260	The New Testament Gospels *
TRS 261	The New Testament Epistles *
EN	Introductory Literature (LT-1) core course *
	Introductory Social Science (SS-1) core course *
	One (1) elective

Year Two — Spring

TRS 202	Religions of the World *
TRS 380	The History of the Early Church *
TRS 381	Medieval and Reformed Theology *
TRS 382	The Church in the Modern World *
	Philosophical Ethics (PH-E) core course *
	Advanced Social Science (SS-2) core course *
	One (1) elective

TRS 380, TRS 381, TRS 382: TRS-2 core course

Year Three — Fall

	Two (2) theology/religious studies courses
	Three (3) electives

Year Three — Spring

	Two (2) theology/religious studies courses
	Fine Arts (FNA), Advanced Literature (LT-2), or Advanced History (HI-2) core course *
	Introductory Social Science (SS-1) or Natural Science (NS) core course *
	One (1) elective

Year Four — Fall

TRS 451	Christian Faith in the Modern World *
	Fine Arts (FNA), Advanced Literature (LT-2), or Advanced History (HI-2) core course *
	Three (3) electives

Year Four — Spring

TRS 400	Internship *
TRS 499	Senior Seminar *
	Three (3) electives

* Fulfills Liberal Arts Core/University Requirements. See University Requirements and the Liberal Arts Core (p. 59) and the Course Descriptions (p. 203) for further information.

B.A. in Theology and Religious Studies to M.B.A. Program

This pre-M.B.A. program allows advanced theology and religious studies students to begin to pursue their M.B.A. degree while completing their undergraduate program. If students begin their graduate coursework while completing their undergraduate programs, they could earn their undergraduate and graduate degrees at an accelerated rate.

Theology and Religious Studies students can supplement their undergraduate coursework with up to six credits of specified M.B.A. graduate courses. The M.B.A. courses would satisfy both graduate and undergraduate program requirements.

Students would be allowed to enroll in up to four graduate-level M.B.A. courses while completing undergraduate coursework; however, only two of those courses (six credits) would be eligible for application to the undergraduate degree. If students opt to take an additional two courses at the graduate level while completing the undergraduate degree, these courses would only apply to the graduate program requirements. All four graduate courses would satisfy M.B.A. program requirements.

Admission Requirements

In addition to meeting the universitywide undergraduate admission requirements, students are permitted to submit an application and, if approved, take graduate M.B.A. courses if they have

- at least 60 credits but no more than 90 credits and
- a minimum cumulative GPA of 3.4.

MBA Courses

MBA 511	Management Foundations
MBA 512	Accounting for Managers
MBA 515	Management in Organizations
MBA 521	Marketing Concepts and Practice

Theology and Religious Studies (Minor)

Minor Requirements

TRS 100	Theological Inquiry *
TRS 201	Understanding Religion *
TRS 202	OR Religions of the World *
	Twelve (12) credits in theology and religious studies electives

Malek School of Health Professions

Dean: Dr. Jeanne Matthews

The Malek School of Health Professions aims to support the university's mission to foster the individual development of each student and enable students to become competent health professionals.

The school offers undergraduate degrees in health sciences and nursing. At the graduate level, students may pursue master's degrees in health education and promotion and nursing. The school offers doctoral programs in nursing and physical therapy.

Within an ethical framework and an open and welcoming environment for persons of all religions and cultures, the Malek School of Health Professions will

- provide student-centered, inquiry-guided, evidence-based, collaborative programs of study that meet or exceed professional standards and the needs of the community;
- enable students to develop a philosophy of professionalism and the skills necessary to become excellent health care professionals who contribute to the body of knowledge that supports best practices across the disciplines through education, research, and scholarship;
- provide visionary leaders in health promotion and health care delivery, who are developers of innovative health care systems, change agents, health care advocates, and members of professional organizations; and
- foster a commitment to lifelong learning and service to the community.

Health Sciences

Health Sciences (B.S.)

This undergraduate program, grounded in the university's Liberal Arts Core, provides students resources for developing professional skills in exercise testing, physical activity leadership, health and fitness assessment, exercise programming, wellness coaching, and public health. Graduates are prepared for beginning administrative, supervisory, and leadership positions in commercial and community health and athletic clubs and corporate fitness and wellness programs and for undertaking graduate study in health education, exercise science, occupational therapy, athletic training, chiropractic medicine, physical therapy, and public health. In addition, qualified students may apply for an

accelerated B.S. to M.S. program in health education and promotion.

Students will choose from three emphasis areas: public health, pre-physical therapy, or pre-professional.

Students completing the baccalaureate degree in Marymount's health sciences programs are prepared to apply for Exercise Physiologist or Personal Trainer certifications offered by the American College of Sports Medicine (ACSM).

Upon successful completion of the health sciences program, students will be able to

- demonstrate the knowledge required to function as competent entry-level professionals in the health/fitness industry;
- demonstrate competence in using equipment, industry tools/inventories, and/or other practical "hands-on" applications typically used in health and wellness settings and/or clinical settings;
- demonstrate the ability to effectively educate and/or counsel individuals regarding behavior modification for the promotion of health and wellness;
- apply ethical standards to the conduct of health and wellness programs; and
- evaluate information to address the health needs/concerns of individuals or groups.

Public Health Emphasis

This emphasis is based on recommendations of the ACSM and Council on Education for Public Health.

Students taking this emphasis are strongly encouraged to consider the accelerated B.S. to M.S. program in Health Education and Promotion and should consult an advisor for more information. See B.S. to M.S. program (p. 149).

Internship Prerequisites: A cumulative grade point average of 2.0 or better; a grade of C- or better in HPR 202, HPR 215, HPR 240, HPR 330, and HPR 335; and a minimum of 12 credits earned at Marymount are needed to register for the internship.

Internship Requirements: When other requirements are completed, and minimum grade requirements are met, the student completes a 120-hour, three-credit internship.

Minimum Grade Requirement: A minimum cumulative grade point average of 2.0 and a minimum

grade of C- in HPR 202, HPR 215, HPR 240, HPR 330, HPR 335, HPR 410, and HPR 430.

Degree Requirements — Health Sciences (Public Health Emphasis)

This degree requires a total of 120 credits.

Liberal Arts Core and University Requirements

See University Requirements and the Liberal Arts Core (p. 59) for details.

Major Requirements

To fulfill the requirements of the major, all students in this program will take the following coursework in a sequence determined in collaboration with a faculty advisor. Some courses also satisfy Liberal Arts Core and/or University Requirements (*).

BIO 151	General Biology I *
BIO 151L	General Biology I Lab *
BIO 152	General Biology II *
BIO 152L	General Biology II Lab
BIO 161	Anatomy and Physiology I *
BIO 161L	Anatomy and Physiology I Lab
BIO 162	Anatomy and Physiology II *
BIO 162L	Anatomy and Physiology II Lab
HPR 201	Introduction to Health and Exercise Science
HPR 202	Exercise Physiology
HPR 215	Introduction to Public Health
HPR 225	Health Psychology *
HPR 230	Community Health
HPR 240	Principles of Epidemiology *
HPR 301	Health/Fitness Program Management *
HPR 308	Global Health and Culture *
HPR 330	Designing Public Health Programs
HPR 335	Current Topics in Public Health
HPR 340	Nutrition for Optimal Health
HPR 400	Senior Internship *
HPR 406	Stress Management *
HPR 410	Anatomical Kinesiology
HPR 430	Public Health Senior Seminar *
HPR	One (1) health and human performance elective
PSY 110	Human Growth and Development *
PSY 101	OR General Psychology *
LA 250	Legal Aspects of Health Care
HIM 115	Medical Terminology

Sample Degree Plan — Health Sciences (Public Health Emphasis)

Please note that this is a sample plan; all students must consult with an advisor in making course selections.

Year One — Fall

BIO 151	General Biology I *
BIO 151L	General Biology I Lab *
DSC 101	DISCOVER First-Year Seminar *
EN 101	Composition I *
HPR 201	Introduction to Health and Exercise Science
PSY 110	Human Growth and Development *
PSY 101	OR General Psychology *

BIO 151: NS core course

DSC 101/201: DSINQ course

EN 101: WR core course

PSY 110 or PSY 101: SS-1 core course

Year One — Spring

BIO 152	General Biology II *
BIO 152L	General Biology II Lab
EN 102	Composition II *
TRS 100	Theological Inquiry *
	One (1) elective OR
HPR 215	Introduction to Public Health
MA	Mathematics (MT) core course *

BIO 152: NS core course

EN 102: WR core course

MA: MT core course

TRS 100: TRS-1 core course

Year Two — Fall

BIO 161	Anatomy and Physiology I *
BIO 161L	Anatomy and Physiology I Lab
HPR 225	Health Psychology *
	Introductory Social Science (SS-1) core course (economics, politics, or sociology) *
PH 100	Introduction to Philosophy *

BIO 161: NS core course

HPR 225: DSINQ course

PH 100: PH-1 core course

Year Two — Spring

BIO 162	Anatomy and Physiology II *
BIO 162L	Anatomy and Physiology II Lab
HPR 202	Exercise Physiology
HPR 230	Community Health
HI	Introductory History (HI-1) core course *
HIM 115	Medical Terminology

BIO 162: NS core course

Year Three — Fall

HPR 301	Health/Fitness Program Management *
HPR 308	Global Health and Culture *
EN	Introductory Literature (LT-1) core course *
HPR	One (1) health and human performance elective
HPR 240	Principles of Epidemiology *
LA 250	Legal Aspects of Health Care

HPR 301: WI course

HPR 240: GP course

HPR 308: GP course

Year Three — Spring

	One (1) Writing Intensive (WI) course
	Fine Arts (FNA), Advanced Literature (LT-2), or Advanced History (HI-2) core course *
PH	Advanced Philosophy (PH-2) or Philosophical Ethics (PH-E) core course *
HPR 330	Designing Public Health Programs
HPR 335	Current Topics in Public Health

Year Four — Fall

	One (1) elective
HPR 340	Nutrition for Optimal Health
HPR 410	Anatomical Kinesiology
	Fine Arts (FNA), Advanced Literature (LT-2), or Advanced History (HI-2) core course *
	Advanced Theology/Religious Studies (TRS-2) or Theological Ethics (TRS-E) core course *

Year Four — Spring

HPR 400	Senior Internship *
HPR 406	Stress Management *
HPR 430	Public Health Senior Seminar *
	One (1) elective

HPR 400: EXP course

HPR 406: SS-2 core course

HPR 430: WI, INQ course

Health sciences majors will satisfy the three-course university Writing Intensive (WI) requirement in the following way. All majors must take HPR 301 Health/Fitness Program Management and HPR 430 Public Health Senior Seminar. Majors must take an additional WI course from the Liberal Arts Core or as a university elective.

Pre-Physical Therapy Emphasis

This emphasis is intended for those interested in pursuing a doctoral degree in physical therapy and includes coursework in biology and the physical sciences.

Internship Prerequisites: A cumulative grade point average of 2.0 or better; a grade of C- or better in HPR 202, HPR 260, HPR 302, HPR 304, and HPR 410; and a minimum of 12 credits earned at Marymount are needed to register for the internship.

Internship Requirements: When other requirements are completed, and minimum grade requirements are met, the student is placed in a 120-hour, three-credit internship.

Minimum Grade Requirement: A minimum cumulative GPA of 2.0 and a minimum grade of C- in BIO 151, BIO 151L, BIO 152, BIO 152L, BIO 161, BIO 161L, BIO 162, BIO 162L, PHYS 161, PHYS 161L, PHYS 162, PHYS 162L, CHM 151, CHM 151L, CHM 152, CHM 152L, MA 132, PSY 101 OR PSY 110, HPR 202, HPR 260, HPR 302, HPR 304, HPR 410, and HPR 415.

Degree Requirements — Health Sciences (Pre-Physical Therapy Emphasis)

This degree requires a total of 120 credits.

Liberal Arts Core and University Requirements

See University Requirements and the Liberal Arts Core (p. 59) for details.

Major Requirements

To fulfill the requirements of the major, all students in this program will take the following coursework in a sequence determined in collaboration with a faculty advisor. Some courses also satisfy Liberal Arts Core and/or University Requirements (*).

BIO 151	General Biology I *
BIO 151L	General Biology I Lab *
BIO 152	General Biology II *

BIO 152L	General Biology II Lab
BIO 161	Anatomy and Physiology I *
BIO 161L	Anatomy and Physiology I Lab
BIO 162	Anatomy and Physiology II *
BIO 162L	Anatomy and Physiology II Lab
CHM 151	Principles of Chemistry I *
CHM 151L	Principles of Chemistry I Lab
CHM 152	Principles of Chemistry II *
CHM 152L	Principles of Chemistry II Lab
HPR 201	Introduction to Health and Exercise Science
HPR 202	Exercise Physiology
HPR 225	Health Psychology *
HPR 230	Community Health
HPR 260	Introduction to Sports Medicine
HPR 301	Health/Fitness Program Management *
HPR 302	Fitness and Health Assessment *
HPR 304	Developing Physical Training Programs
HPR 308	Global Health and Culture *
HPR 340	Nutrition for Optimal Health
HPR 400	Senior Internship *
HPR 410	Anatomical Kinesiology
HPR 415	Applications in Human Performance *
MA 132	Statistical Analysis *
PHYS 161	College Physics I *
PHYS 161L	College Physics I Lab
PHYS 162	College Physics II *
PHYS 162L	College Physics II Lab
PSY 110	Human Growth and Development *
PSY 101	OR General Psychology *

Sample Degree Plan — Health Sciences (Pre-Physical Therapy Emphasis)

Please note that this is a sample plan; all students must consult with an advisor in making course selections.

Year One — Fall

BIO 151	General Biology I *
BIO 151L	General Biology I Lab *
DSC 101	DISCOVER First-Year Seminar *
EN 101	Composition I *
HPR 201	Introduction to Health and Exercise Science
PSY 110	Human Growth and Development *
	OR
PSY 101	General Psychology *

BIO 151: NS core course

DSC 101/201: DSINQ course

EN 101: WR core course

PSY 110 OR PSY 101: SS-1 core course

Year One — Spring

BIO 152	General Biology II *
BIO 152L	General Biology II Lab
EN 102	Composition II *
HI	Introductory History (HI-1) core course *
HPR 230	Community Health
TRS 100	Theological Inquiry *

BIO 152: NS course

EN 102: WR core course

HI: HI-1 course

TRS 100: TRS-1 core course

Year Two — Fall

BIO 161	Anatomy and Physiology I *
BIO 161L	Anatomy and Physiology I Lab
HPR 225	Health Psychology *
HPR 260	Introduction to Sports Medicine
HPR 308	Global Health and Culture *
EN	Introductory Literature (LT-1) core course *

BIO 161: NS core course

EN course: LT-1 core course

HPR 225: DSINQ core course

HPR 308: GP course

Year Two — Spring

BIO 162	Anatomy and Physiology II *
BIO 162L	Anatomy and Physiology II Lab
HPR 202	Exercise Physiology
MA 132	Statistical Analysis *
	Introductory Social Science (SS-1) core course (economics, politics, or sociology) *
PH 100	Introduction to Philosophy *

BIO 162: NS core course

MA 132: MT core course

PH 100: PH-1 core course

Social Science: SS-1 core course

Year Three — Fall

PH	Advanced Philosophy (PH-2) or Philosophical Ethics (PH-E) core course *
HPR 301	Health/Fitness Program Management *
HPR 302	Fitness and Health Assessment *
PHYS 161	College Physics I *
PHYS 161L	College Physics I Lab

HPR 301: WI course

HPR 302: DSINQ course

PHYS 161: NS core course

PH: Adv-PH core course

Year Three — Spring

	One (1) Writing Intensive (WI) course
HPR 304	Developing Physical Training Programs
PHYS 162	College Physics II *
PHYS 162L	College Physics II Lab
	Fine Arts (FNA), Advanced Literature (LT-2), or Advanced History (HI-2) core course *
	Advanced Social Science (SS-2) core course (psychology) *

PSY: SS-2 core course

PHYS 162: NS core course

Year Four — Fall

CHM 151	Principles of Chemistry I *
CHM 151L	Principles of Chemistry I Lab
HPR 340	Nutrition for Optimal Health
HPR 410	Anatomical Kinesiology
	Advanced Theology/Religious Studies (TRS-2) or Theological Ethics (TRS-E) core course *
	One (1) elective

CHM 151: NS core course

Year Four — Spring

CHM 152	Principles of Chemistry II *
CHM 152L	Principles of Chemistry II Lab
	Fine Arts (FNA), Advanced Literature (LT-2), or Advanced History (HI-2) core course *
HPR 400	Senior Internship *
HPR 415	Applications in Human Performance *
	One (1) general elective

CHM 152: NS core course

HPR 400: EXP core course

Health Sciences majors will satisfy the three-course university Writing Intensive (WI) requirement in the following way. All majors must take HPR 301 Health/Fitness Program Management and HPR 415 Applications in Human Performance. Majors must take an additional WI course from the Liberal Arts Core or as a university elective.

Pre-Professional Emphasis

This emphasis is intended for those interested in pursuing a general health sciences plan of study or advanced study in a health sciences-related professional field such as the master's degree in occupational therapy (OT) or athletic training (AT), or the Doctorate in Chiropractic Medicine (DCM). Students will work with an advisor in the Department of Health and Human Performance to satisfy the college/university

prerequisite coursework needed to apply for advanced academic preparation.

Pre-Occupational Therapy: Suggested prerequisite courses include statistics, anatomy and physiology I and II, human growth and development, abnormal psychology, medical terminology, and general psychology.

Pre-Athletic Training: Suggested prerequisite courses include statistics, anatomy and physiology I and II, biology I and II, exercise science, physics I, college math or statistics, English, social sciences, and nutrition.

Pre-Chiropractic Medicine: Suggested prerequisite materials include a health sciences degree with coursework in English, psychology, social sciences, biology, general chemistry, organic chemistry, physics, kinesiology, statistics, and exercise physiology.

Internship Prerequisites: A minimum cumulative GPA of 2.0, a grade of C- or better in HPR 202, HPR 260, HPR 302, HPR 304, and HPR 410, and a minimum of 12 credits earned at Marymount are needed to register for the internship.

Internship Requirements: When other requirements are completed, and minimum grade requirements are met, the student is placed in a 120-hour, three-credit internship.

Minimum Grade Requirements: A minimum cumulative GPA of 2.0 and a minimum grade of C- in HPR 202, HPR 260, HPR 302, HPR 410, HPR 415, BIO 151, BIO 151L, BIO 152, BIO 152L, BIO 161, BIO 161L, BIO 162, and BIO 162L.

Degree Requirements — Health Sciences (Pre-Professional Emphasis)

This degree requires a total of 120-122 credits.

Liberal Arts Core and University Requirements

See University Requirements and the Liberal Arts Core (p. 59) for details.

Major Requirements

To fulfill the requirements of the major, all students in this program will take the following coursework in a sequence determined in collaboration with a faculty advisor. Some courses also satisfy Liberal Arts Core and/or University Requirements (*).

BIO 151	General Biology I *
BIO 151L	General Biology I Lab *
BIO 152	General Biology II *

BIO 152L	General Biology II Lab
BIO 161	Anatomy and Physiology I *
BIO 161L	Anatomy and Physiology I Lab
BIO 162	Anatomy and Physiology II *
BIO 162L	Anatomy and Physiology II Lab
HPR 201	Introduction to Health and Exercise Science
HPR 202	Exercise Physiology
HPR 215	Introduction to Public Health OR
HPR 240	Principles of Epidemiology *
HPR 225	Health Psychology *
HPR 230	Community Health
HPR 260	Introduction to Sports Medicine
HPR 301	Health/Fitness Program Management *
HPR 302	Fitness and Health Assessment *
HPR 304	Developing Physical Training Programs
HPR 308	Global Health and Culture *
HPR 340	Nutrition for Optimal Health
HPR 400	Senior Internship *
HPR 410	Anatomical Kinesiology
HPR 415	Applications in Human Performance *
HPR	One (1) health and human performance elective
PSY 110	Human Growth and Development *
PSY 101	OR General Psychology *

Sample Degree Plan — Health Sciences (Pre-Professional Emphasis)

Please note that this is a sample plan; all students must consult with an advisor when making course selections. Total credits may exceed 120, and some summer coursework may be required to meet all degree and pre-professional requirements.

Year One — Fall

BIO 151	General Biology I *
BIO 151L	General Biology I Lab *
HPR 201	Introduction to Health and Exercise Science
EN 101	Composition I *
DSC 101	DISCOVER First-Year Seminar *
PSY 110	Human Growth and Development *
PSY 101	OR General Psychology *

BIO 151: NS core course

DSC 101/201: DSINQ course

EN 101: WI core course

PSY 110 OR PSY 101: SS-1 core course

Year One — Spring

BIO 152	General Biology II *
BIO 152L	General Biology II Lab
EN 102	Composition II *
	Mathematics (MT) core course or pre-professional prerequisite mathematics requirement *
TRS 100	Theological Inquiry *
	One (1) elective OR
HPR 215	Introduction to Public Health

BIO 152: NS core course

EN 102: WI core course

TRS 100: TRS-1 core course

Year Two — Fall

BIO 161	Anatomy and Physiology I *
BIO 161L	Anatomy and Physiology I Lab
HPR 225	Health Psychology *
HPR 260	Introduction to Sports Medicine
	Introductory Social Science (SS-1) core course (economics, politics, or sociology) *
PH 100	Introduction to Philosophy *

BIO 161: NS core course

HPR 225: DSINQ core course

PH 100: PH-1 core course

Year Two — Spring

BIO 162	Anatomy and Physiology II *
BIO 162L	Anatomy and Physiology II Lab
HPR 202	Exercise Physiology
HPR 230	Community Health
HPR 240	Principles of Epidemiology * or pre-professional course
HI	Introductory History (HI-1) core course *

BIO 162: NS core course

HPR 240: GP core course

HI: HI-1 core course

Year Three — Fall

HPR 301	Health/Fitness Program Management *
HPR 302	Fitness and Health Assessment *
HPR 308	Global Health and Culture *
HPR	One (1) health and human performance elective
EN	Introductory Literature (LT-1) core course *
	One (1) elective or pre-professional course

HPR 301: WI core course

HPR 302: DSINQ core course

HPR 308: GP core course

Year Three — Spring

HPR 304	Developing Physical Training Programs
	One (1) Writing Intensive (WI) course
	Fine Arts (FNA), Advanced Literature (LT-2), or Advanced History (HI-2) core course *
PH	Advanced Philosophy (PH-2) or Philosophical Ethics (PH-E) core course *
	One (1) general elective

Year Four — Fall

	One (1) general elective or pre-professional course
HPR 340	Nutrition for Optimal Health
HPR 410	Anatomical Kinesiology
	Fine Arts (FNA), Advanced Literature (LT-2), or Advanced History (HI-2) core course *
	Advanced Theology/Religious Studies (TRS-2) or Theological Ethics (TRS-E) core course *

Year Four — Spring

HPR 400	Senior Internship *
HPR 415	Applications in Human Performance *
	One (1) elective or pre-professional course
	Advanced Social Science (SS-2) core course (psychology) *

HPR 400: EXP core course

PSY: SS-2 core course

HPR 415: DSINQ and WI core course

* Fulfills Liberal Arts Core/University Requirements. See University Requirements and the Liberal Arts Core (p. 59) and the Course Descriptions (p. 203) for further information.

Health Sciences/Health Education and Promotion, Combined B.S./M.S. Program

This program allows advanced students to complete a B.S. in health sciences and an M.S. in health education and promotion in five years.

Admission Requirements: In addition to meeting universitywide undergraduate admission requirements, (p. 17) undergraduate students with a major in health sciences must have the following prerequisites to apply:

- Students may apply at any time to the combined program, but they are strongly advised to do so upon entry to the university or in their freshman year.

- Prior to being admitted, applicants must submit a letter of intent to the health and human performance department chair indicating contact information and interest in both the program and career in health education/promotion.
- Students in the program must maintain an overall undergraduate GPA of 3.0. Students falling below an overall 3.0 GPA will be placed on departmental academic probation the following semester during which time they must raise their GPA to ≥ 3.0 . Students with a GPA that remains below 3.0 at the conclusion of a probationary semester will be dismissed from the combined program and placed in the traditional four-year health sciences health promotion track.
- HPR 202, 230, 260, 302, 304, and 410 must be completed with a minimum grade of C-.

Students in good standing will take graduate health education and promotion courses during their senior year. These students are automatically admitted to the M.S. program at the end of their senior year, typically after completing a total of 120 undergraduate and graduate credits while maintaining the required GPA. The GRE and interview are waived. Students complete 36 graduate credits in their fourth and fifth years of study to complete the M.S. in health education and promotion. Please see the university's *Graduate Catalog* for details on the M.S. in health education and promotion program as well as graduate academic policies and course descriptions.

Graduate Student Status: Upon satisfactory completion of HPR 501, HPR 520, HPR 540, HPR 555, and the awarding of the B.S. degree in health sciences, the student attains full admission to the M.S. program and is subject to all graduate student policies and procedures.

Combined-Degree Requirements — Health Sciences/Health Education and Promotion

This degree requires a total of 154 credits.

Liberal Arts Core and University Requirements

See University Requirements and the Liberal Arts Core (p. 59) for details.

B.S./M.S. Requirements

To fulfill the requirements of the bachelor's and master's degrees, all students in this program will take the following coursework in a sequence determined in collaboration with a faculty advisor. Some courses

satisfy Liberal Arts Core and/or University Requirements (*).

BIO 151	General Biology I *
BIO 151L	General Biology I Lab *
BIO 152	General Biology II *
BIO 152L	General Biology II Lab
BIO 161	Anatomy and Physiology I *
BIO 161L	Anatomy and Physiology I Lab
BIO 162	Anatomy and Physiology II *
BIO 162L	Anatomy and Physiology II Lab
HPR	One (1) health and human performance elective
HIM 115	Medical Terminology
LA 250	Legal Aspects of Health Care
HPR 201	Introduction to Health and Exercise Science
HPR 202	Exercise Physiology
HPR 215	Introduction to Public Health
HPR 225	Health Psychology *
HPR 240	Principles of Epidemiology *
HPR 301	Health/Fitness Program Management *
HPR 308	Global Health and Culture *
HPR 330	Designing Public Health Programs
HPR 335	Current Topics in Public Health
HPR 340	Nutrition for Optimal Health
HPR 406	Stress Management *
HPR 410	Anatomical Kinesiology
HPR 430	Public Health Senior Seminar *
HPR 500	Exercise Physiology OR
HPR 534	Topics in Nutrition and Weight Management
HPR 501	Foundations of Health Education and Health Promotion
HPR 502	Introduction to Public Health and Preventive Medicine
HPR 520	Principles of Epidemiology
HPR 540	Designing and Evaluating Health Promotion Programs
HPR 555	Health Communication
HPR 591	Research Methods in Health Education
HPR 598	Internship
	Six (6) credits in 500-level health and human performance electives
	Six (6) credits in other 500-level electives

Sample Combined-Degree Plan — Health Sciences/Health Education and Promotion

Please note that this is a sample plan; all students must consult with an advisor in making course selections.

Year One — Fall

BIO 151	General Biology I *
BIO 151L	General Biology I Lab *
HPR 201	Introduction to Health and Exercise Science
EN 101	Composition I *
PSY 110	Human Growth and Development *
PSY 101	General Psychology *
DSC 101	DISCOVER First-Year Seminar *

BIO 151: NS core course

EN 101: WR core course

PSY 110 or PSY 101: SS-1 core course

Year One — Spring

BIO 152	General Biology II *
BIO 152L	General Biology II Lab
EN 102	Composition II *
HPR 215	Introduction to Public Health
MA	Mathematics (MT) core course *
TRS 100	Theological Inquiry *

EN 102: WR core course

TRS 100: TRS-1 core course

HPR 215: Satisfies a requirement for the M.S. in Health Education and Promotion

Year Two — Fall

BIO 161	Anatomy and Physiology I *
BIO 161L	Anatomy and Physiology I Lab
	Introductory Social Science (SS-1) core course *
PH 100	Introduction to Philosophy *
	One (1) elective OR
HPR 225	Health Psychology *

BIO 161: NS core course

PH 100: PH-1 core course

Year Two — Spring

BIO 162	Anatomy and Physiology II *
BIO 162L	Anatomy and Physiology II Lab
HPR 202	Exercise Physiology
HI	Introductory History (HI-1) core course *
HPR 240	Principles of Epidemiology *
HPR 230	Community Health

HPR 240: Satisfies a requirement for the M.S. in Health Education and Promotion

Year Three — Fall

HPR 301	Health/Fitness Program Management *
HPR 308	Global Health and Culture *
LA 250	Legal Aspects of Health Care
HIM 115	Medical Terminology

EN	Introductory Literature (LT-1) core course *
HPR	One (1) health and human performance elective

HPR 308: GP course

Year Three — Spring

PH	Advanced Philosophy (PH-2) or Philosophical Ethics (PH-E) core course *
	Fine Arts (FNA), Advanced Literature (LT-2), or Advanced History (HI-2) core course *
HPR 330	Designing Public Health Programs
HPR 335	Current Topics in Public Health
	One (1) Writing Intensive (WI) course

Year Three — Summer

	Advanced Theology/Religious Studies (TRS-2) or Theological Ethics (TRS-E) core course *
	One (1) elective

Year Four — Fall

HPR 340	Nutrition for Optimal Health
HPR 410	Anatomical Kinesiology
HPR 501	Foundations of Health Education and Health Promotion
HPR 502	Introduction to Public Health and Preventive Medicine
	One (1) graduate-level elective
	Fine Arts (FNA), Advanced Literature (LT-2), or Advanced History (HI-2) core course *

Year Four — Spring

HPR 406	Stress Management *
HPR 430	Public Health Senior Seminar *
HPR 520	Principles of Epidemiology
HPR 540	Designing and Evaluating Health Promotion Programs
	One (1) elective

HPR 406: SS-2 core course

Year Four — Summer

	One (1) Health and Human Performance or other graduate elective
	One (1) graduate-level elective

Year Five — Fall

	Two (2) Health and Human Performance or other graduate electives
HPR 555	Health Communication

Year Five — Spring

HPR 500	Exercise Physiology
HPR 534	OR Topics in Nutrition and Weight Management
HPR 598	Internship
HPR 591	Research Methods in Health Education

Health sciences majors will satisfy the three-course university Writing Intensive (WI) requirement in the following way. All majors must take HPR 301 Health/Fitness Program Management and HPR 430 Public Health Senior Seminar. Majors must take an additional WI course from the Liberal Arts Core or as a university elective.

Health Sciences (Minor)

Admission Requirement: Students who are in good academic standing at the end of the first year may declare a minor in health sciences, health promotion emphasis.

Minimum Grade Requirements: A minimum GPA of 2.0 is required in all courses applied to the minor.

Minor Requirements

This minor requires a total of 18 credits.

HPR 201	Introduction to Health and Exercise Science
HPR 202	Exercise Physiology
HPR 302	Fitness and Health Assessment *
HPR 304	Developing Physical Training Programs
HPR 340	Nutrition for Optimal Health
	Three (3) credits in health and human performance electives

Interdisciplinary Studies

Interdisciplinary minors seek to examine a specific area within a major from an interdisciplinary perspective. As such, they differ from an interdepartmental minor in that the emphasis is on students' synthesis of knowledge regarding their major discipline from multiple perspectives, rather than on mastery of multiple disciplines. Therefore, the interdisciplinary minor requires students to demonstrate interdisciplinary synthesis through individual study, research, and expression. It culminates in a public demonstration of a significant capstone project to the Marymount University community in the form of a performance, display, or presentation.

International Studies (Minor)

See international studies minor (p. 129) under interdisciplinary studies in the School of Design, Arts, and Humanities.

Public Health (Minor)

The interdisciplinary minor is premised on the understanding that public health issues are a critical component of good citizenship, necessary for building healthy societies.

Admission Requirement: This minor is open to students in good academic standing.

Minimum Grade Requirements: Students must earn a minimum grade of C- in HPR 215, HPR 240, and HPR 330 in order to register for HPR 390.

Minor Requirements

This minor requires a total of 25 credits.

HPR 215	Introduction to Public Health
HPR 240	Principles of Epidemiology *
HPR 308	Global Health and Culture *
HPR 330	Designing Public Health Programs
HPR 390	Public Health Minor Capstone Project

One (1) course from the following:

MA 132	Statistical Analysis *
MSC 300	Advanced Business Statistics *
PSY 201	Statistics for the Social Sciences

One (1) course from the following:

HIM 115	Medical Terminology
LA 250	Legal Aspects of Health Care

One (1) course from the following:

HPR 225	Health Psychology *
HPR 230	Community Health
HPR 301	Health/Fitness Program Management *
HPR 335	Current Topics in Public Health
HPR 340	Nutrition for Optimal Health
HPR 406	Stress Management *
NU 234	Promoting Health Across the Life Span *

One (1) course from the following:

IT 110	Information Technology in the Global Age *
IT 120	Cybersecurity Principles *
POL 300	State and Urban Politics *
PSY 101	General Psychology *
PSY 110	Human Growth and Development *
PSY 220	Social Psychology
PSY 311	Early Childhood Development *

PSY 312	Adolescent Psychology
PSY 313	Adulthood and Aging *
PSY 321	Psychology of Gender *
PSY 325	Cultural Psychology *
PSY 332	Psychology of Addictions
SOC 222	Race and Ethnic Diversity *

Nursing

Marymount's Bachelor of Science in Nursing (B.S.N.) program prepares nurses to be knowledgeable, skilled, and caring health professionals qualified to practice in the contemporary health care environment. Our graduates provide patient-centered quality care utilizing the nursing process and evidence-based practice. Laboratory and clinical experiences are provided to develop competence in the care of patients throughout the life cycle.

Upon successful completion of the B.S.N., students will be able to

- demonstrate respect for the inherent worth and uniqueness of individuals and populations by integrating ethical reasoning, social justice, and a global perspective in the provision of nursing care;
- employ the nursing process using clinical reasoning to deliver compassionate, safe, culturally relevant and patient/family-centered care;
- synthesize knowledge from the humanities and sciences into professional nursing practice, scholarship, and service to others;
- appraise research findings to engage in evidence-based practice that promotes optimal health outcomes;
- utilize effective inter- and intra-professional communication and collaboration to optimize health outcomes;
- demonstrate professional leadership by advocating for a culture of patient safety and systems thinking;
- incorporate principles of population health, health promotion, and disease prevention in partnership with diverse communities to promote health equity;
- utilize informatics and patient care technologies to promote health across the life course; and
- commit to intellectual curiosity and lifelong learning.

Marymount's Bachelor of Science in Nursing, Master of Science in Nursing, and Doctor of Nursing Practice programs are accredited by the Commission on Collegiate Nursing Education (CCNE), One Dupont Circle, Suite 530, Washington, DC, 20036. The B.S.N.

program is also approved by the Virginia Board of Nursing of the Commonwealth of Virginia.

Department of Nursing Vision, Mission, and Values

Vision Statement

The Marymount University Department of Nursing aims to inspire future leaders in the advancement of the profession and promote the art and science of nursing in a collaborative, culturally sensitive, evolving health care environment.

Mission Statement

In keeping with the mission of the Marymount University and the tradition of the Religious of the Sacred Heart of Mary, the Department of Nursing prepares future nurses and nurse leaders using a framework that is student-centered and evidence-informed. Students actively engage in providing high-quality care focusing on optimizing health outcomes for diverse individuals, families, and communities.

Values

- Social Justice/Advocacy
- Respect
- Pursuit of Excellence
- Ethical Reasoning
- Scholarship
- Leadership
- Service
- Compassion

Program Tracks

Marymount offers two program tracks that are both built on a solid foundation of the liberal arts:

- a four-year B.S.N. track for first-year and transfer students seeking their first bachelor's degree
- an accelerated second-degree B.S.N. for students with a previous bachelor's degree in another field

Admission Requirements: See individual programs.

Nondegree Admission: Nondegree students may not enroll in courses in the nursing program.

Clinical Requirements: In order to be eligible to attend clinical experiences, nursing students must provide the following to the clinical agency coordinator:

- *Provider Attestation: Clinical Fitness and Technical Standards for Academic Progression and*

Graduation, Provider Guide in Completion of Attestation Form

- written verification of two-step tuberculin skin test (required annually) (If PPD is positive, an initial chest X-ray is required followed by a yearly TB symptom survey.)
- written verification of the following immunizations: Hepatitis B, MMR, Chicken Pox, Tetanus/Diphtheria/Pertussis, and Influenza (Note: Influenza immunization is an annual requirement.)
- written verification of accident and health insurance coverage, submitted to Student Health Services
- written verification of current CPR certification, provided each semester, from the American Heart Association (BLS for Healthcare Provider)
- criminal background check, which is a federal requirement for all persons working with vulnerable populations
- negative 9-panel (or more) drug screen

Students will not be permitted to attend clinicals until all requirements are met.

Students must attend all course clinical days. Repeated absences will be grounds for course failure.

Students should refer to the *Undergraduate Nursing Handbook* for the clinical attendance policy.

Clinical Experience Transportation: Students are responsible for providing their own transportation to and from clinical experiences. The university's free shuttle service connects the Main Campus, the Ballston Center, and the Ballston-MU Metro station.

Legal Limitations of Licensure: The practice of nursing is regulated by state laws. Questions concerning licensure in a specific state should be directed to that state's board of nursing. Applicants for nursing licensure in Virginia are required to notify the Virginia Board of Nursing if they have

- been convicted of (or pled *nolo contendere* to) a violation of any federal or state law;
- been hospitalized or received treatment for chemical dependence during the two years preceding application to complete the licensing examination; or
- a mental or physical condition that could interfere with their ability to practice.

Minimum Grade and Academic Progression

Requirements: Nursing students must achieve satisfactory performance each semester and make satisfactory progress toward graduation. Failure to meet the following requirements will result in program

dismissal. To maintain satisfactory progress toward degree completion, students must also attend all clinical days as described in the aforementioned "Clinical Requirements."

Nursing students must maintain a grade point average of 2.5 or better, earn a minimum grade of C+ in all nursing courses, and earn a minimum grade of C in the following courses: BIO 161, BIO 161L, BIO 162, BIO 162L, BIO 260, BIO 260L, CHM 125, CHM 125L, HPR 345, MA 132, PSY 110, and SOC 131. A student who fails to achieve the minimum required grade in one natural science or one nursing course may repeat the course; however, progression in the nursing program may be delayed. A student who fails to earn the minimum required grade in a second (or repeated) natural science course or nursing course will be automatically dismissed from the nursing program.

In the B.S.N. program, a nursing course withdrawal occurring after the fifth Friday of the semester is considered equivalent to a nursing course failure if the student has a course grade below 78% at the time of withdrawal.

In courses with clinical or laboratory components, failure to obtain a satisfactory evaluation for clinical or laboratory performance at the end of the semester constitutes a clinical or laboratory failure and, therefore, a course failure.

Satisfactory progress toward graduation is defined as successful regular matriculation unless sufficient requirements have been fulfilled by acceptance of transfer credit. No nursing course may be repeated more than once.

Students should maintain continuous enrollment in nursing courses. If enrollment is interrupted, skill competency testing may be required prior to enrollment in the subsequent nursing course.

Passing scores on nursing comprehensive examinations taken at the end of the program are required for graduation from B.S.N. programs.

Department of Nursing Undergraduate Nursing

Student Handbook: B.S.N. students must comply with additional program-specific policies found in the Department of Nursing Undergraduate Student Handbook. The handbook is available through the B.S.N. Students Canvas organization. All B.S.N. students are required to read the handbook upon matriculation in the program and to review the handbook each time it is revised. Notification of revisions is made through the B.S.N. Students Canvas.

Technology Requirement: Traditional and accelerated B.S.N. students are required to have a laptop computer. Recommended specifications are available from Information Technology Services.

Nursing (B.S.N.) Four-Year Program Track

The B.S.N. program prepares students to practice as professional nurses in a demanding and rapidly changing health care system. The program is ideal for entering first-year students and students with general education transfer credits in non-nursing fields.

Admission Requirements for First-Year Students:

First-year students are admitted to the nursing program through the admissions process described in the admissions section. Prerequisite courses and Liberal Arts Core courses are taken during the first and second years of the nursing program; they provide the foundation for nursing major courses that are taken during the third and fourth years. The prerequisite sciences require a strong foundation in basic sciences, and, therefore, completion of high school biology and chemistry is strongly recommended. High school sciences grades and overall high school grade point average are critical factors in the admissions process for the nursing major. SAT scores, when available, are also considered in the nursing admissions process.

Progression to the nursing major courses is contingent on meeting specific academic requirements that prepare students to succeed in the rigorous nursing courses. Upon completion of the second year of the B.S.N. program, students are eligible to progress into the junior year nursing major courses provided they have met the academic criteria listed below. *Note: The program does not limit the number of academically qualified students who are allowed to progress into nursing major courses.*

Students are required to earn a minimum grade of C in BIO 161, BIO 161L, CHM 125, CHM 125L, HPR 345, PSY 110, and SOC 131 and have a minimum cumulative GPA of 2.5. Students who meet these criteria but who have a cumulative science GPA below 3.0 are required to take an assessment examination and attain a competitive score in order to progress to nursing major courses. *Note: The cumulative science GPA calculation includes all grades earned in the prerequisite science courses at Marymount University and/or at other regionally accredited institutions. If a science is repeated, both grades are included in the calculation.*

Admission Requirements for Transfer Students:

Admission to the nursing program is competitive. Criteria for admission include a competitive score on the ATI Test of Essential Academic Skills (ATI-TEAS) and a satisfactory GPA in classes being transferred to Marymount, particularly science courses. The submission of a personal statement is required.

Most transfer students require at least five semesters to complete the program and must follow the progression of nursing courses in the semesters as indicated in the degree plan. Nursing courses are not offered in the summer for four-year B.S.N. students.

Current Marymount University students who transferred into the university as undeclared students or in a major other than nursing may request admission to the B.S.N. program after the completion of at least one semester at Marymount. Admission to the nursing program is competitive. Students requesting a change of major to nursing must provide the following to the assistant dean of the Malek School of Health Professions: a completed change of academic program form, a personal statement, and ATI-TEAS scores.

Degree Requirements — Nursing (Four-Year B.S.N. Program Track)

This degree requires a total of 122-125 credits.

Liberal Arts Core and University Requirements

See University Requirements and the Liberal Arts Core (p. 59) for details.

Major Requirements

To fulfill the requirements of the major, all students in this program will take the following coursework in a sequence determined in collaboration with a faculty advisor. Some courses also satisfy Liberal Arts Core and/or University Requirements.

BIO 161	Anatomy and Physiology I *
BIO 161L	Anatomy and Physiology I Lab
BIO 162	Anatomy and Physiology II *
BIO 162L	Anatomy and Physiology II Lab
BIO 260	Microbiology
BIO 260L	Microbiology Lab
CHM 125	Life Chemistry *
CHM 125L	Life Chemistry Lab
HPR 345	Clinical Nutrition
MA 132	Statistical Analysis *
NU 230	Introduction to Professional Nursing & Scholarship *

NU 231	Principles and Applications of Nursing Technologies
NU 234	Promoting Health Across the Life Span *
NU 302	Health Assessment *
NU 306	Basic Concepts in Pathophysiology & Pharmacology
NU 307	Nursing Care of Adults with Chronic Health Problems
NU 308	Nursing Care of Adults with Acute Complex Health Problems
NU 333	Health Promotion and Illness Management in the Childbearing Family
NU 334	Mental Health Promotion and Illness Management
NU 335	Illness Management in Children and Adolescents
NU 400	Health Promotion and Risk Reduction in Communities *
NU 403	Research and Evidence-Based Practice *
NU 406	Nursing Care of Adults with Multi-System/Complex Health Problems
NU 407	Applied Clinical Reasoning
NU 430	Leadership in Nursing Practice
NU 489	Nursing Internship: Transition to Practice *
PSY 110	Human Growth and Development *
SOC 131	Principles of Sociology in Global Perspective *

Sample Degree Plan — Nursing (Four-Year B.S.N. Program Track)

Please note that this is a sample plan; all students must consult with an advisor in making course selections.

Year One — Fall

CHM 125	Life Chemistry *
CHM 125L	Life Chemistry Lab
EN 101	Composition I *
PSY 110	Human Growth and Development *
SOC 131	Principles of Sociology in Global Perspective *
DSC 101	DISCOVER First-Year Seminar *

CHM 125: NS core course

EN 101: WI core course

PSY 110: SS-1 core course

SOC 131: SS-1, GP core course

Year One — Spring

BIO 161	Anatomy and Physiology I *
BIO 161L	Anatomy and Physiology I Lab
EN 102	Composition II *
TRS 100	Theological Inquiry *

	Introductory Philosophy (PH-1) core course
	Advanced Social Science (SS-2) core course (psychology or sociology) *

EN 102: WR core course

TRS 100: TRS-1 core course

Year Two — Fall

BIO 162	Anatomy and Physiology II *
BIO 162L	Anatomy and Physiology II Lab
HI	Introductory History (HI-1) core course *
EN	Introductory Literature (LT-1) core course *
PH	Advanced Philosophy (PH-2) or Philosophical Ethics (PH-E) core course *
	Advanced Theology/Religious Studies (TRS-2) or Theological Ethics (TRS-E) core course *

Year Two — Spring

BIO 260	Microbiology
BIO 260L	Microbiology Lab
HPR 345	Clinical Nutrition
MA 132	Statistical Analysis *
	Fine Arts (FNA), Advanced Literature (LT-2), or Advanced History (HI-2) core course *
	Fine Arts (FNA), Advanced Literature (LT-2), or Advanced History (HI-2) core course *

Year Three — Fall

NU 230	Introduction to Professional Nursing & Scholarship *
NU 231	Principles and Applications of Nursing Technologies
NU 302	Health Assessment *
NU 306	Basic Concepts in Pathophysiology & Pharmacology
NU 307	Nursing Care of Adults with Chronic Health Problems

Year Three — Spring

NU 234	Promoting Health Across the Life Span *
NU 308	Nursing Care of Adults with Acute Complex Health Problems
NU 333	Health Promotion and Illness Management in the Childbearing Family
	OR
NU 335	Illness Management in Children and Adolescents

Year Four — Fall

NU 334	Mental Health Promotion and Illness Management
NU 333	Health Promotion and Illness Management in the Childbearing Family
	OR
NU 335	Illness Management in Children and Adolescents
NU 403	Research and Evidence-Based Practice *
NU 406	Nursing Care of Adults with Multi-System/Complex Health Problems

Year Four — Spring

NU 400	Health Promotion and Risk Reduction in Communities *
NU 407	Applied Clinical Reasoning
NU 430	Leadership in Nursing Practice
NU 489	Nursing Internship: Transition to Practice *
	Comprehensive exam

Nursing majors will satisfy the three-course university Writing Intensive (WI) requirements in the following way: Two WI courses (NU 230 and a second course in the approval process) will be completed in the nursing major. Majors must take an additional WI course from the Liberal Arts Core or as a university elective.

* Fulfills Liberal Arts Core/University Requirements. See University Requirements and the Liberal Arts Core (p. 59) and the Course Descriptions (p. 203) for further information.

Nursing — Accelerated Second-Degree (B.S.N.) Program Track

The accelerated second-degree B.S.N. may be completed in four consecutive semesters by students who have earned a non-nursing bachelor's degree. Students admitted to this program have completed a previous baccalaureate degree and are considered to have met the Liberal Arts Core and University Requirements.

Admission Requirements: Students are admitted to this program track in the fall and the spring. Admission to the nursing program is competitive. To be eligible to be reviewed for admission, students must have an earned non-nursing bachelor's degree and must achieve a competitive score on the ATI-TEAS. The submission of a personal statement is required. Exemption from the ATI-TEAS is automatically granted for students with a bachelor's degree from a U.S.-accredited college or university with a minimum composite GPA of 2.8. The

determination to waive the exam will be made by the Nursing Admissions Committee upon receipt of all official transcripts.

All applicants with a grade of C or lower in any of the science prerequisites are strongly advised to submit official ATI-TEAS results. The science prerequisites include Chemistry, Anatomy and Physiology I and II, and Microbiology.

Program Prerequisites: These courses or their equivalents must be completed prior to starting the accelerated second-degree nursing program: sociology (three credits), PSY 110 Human Growth and Development (three credits), BIO 161 and BIO 162 Anatomy and Physiology I and II with lab (eight credits), BIO 260 Microbiology with lab (four credits), general chemistry (three to four credits), nutrition (three credits), and statistics (three credits). These prerequisites must have been completed within 10 years prior to the program start date.

Degree Requirements — Nursing (Accelerated Second-Degree B.S.N. Program Track)

This degree requires a total of 91-92 credits.

Major Requirements

To fulfill the requirements of the major, all students in this program will take the following coursework in a sequence determined in collaboration with a faculty advisor.

NU 230	Introduction to Professional Nursing & Scholarship *
NU 231	Principles and Applications of Nursing Technologies
NU 234	Promoting Health Across the Life Span *
NU 302	Health Assessment *
NU 306	Basic Concepts in Pathophysiology & Pharmacology
NU 307	Nursing Care of Adults with Chronic Health Problems
NU 308	Nursing Care of Adults with Acute Complex Health Problems
NU 333	Health Promotion and Illness Management in the Childbearing Family
NU 334	Mental Health Promotion and Illness Management
NU 335	Illness Management in Children and Adolescents
NU 400	Health Promotion and Risk Reduction in

	Communities *
NU 403	Research and Evidence-Based Practice *
NU 406	Nursing Care of Adults with Multi-System/Complex Health Problems
NU 407	Applied Clinical Reasoning
NU 430	Leadership in Nursing Practice
NU 489	Nursing Internship: Transition to Practice *
	One (1) three-credit ethics elective

Sample Degree Plan — Nursing (Accelerated Second-Degree B.S.N. Program Track)

Please note that this is a sample plan; all students must consult with an advisor in making course selections.

Semester One — Fall or Spring

NU 230	Introduction to Professional Nursing & Scholarship *
NU 231	Principles and Applications of Nursing Technologies
NU 302	Health Assessment *
NU 306	Basic Concepts in Pathophysiology & Pharmacology
NU 307	Nursing Care of Adults with Chronic Health Problems

Semester Two — Spring or Summer

NU 234	Promoting Health Across the Life Span *
NU 308	Nursing Care of Adults with Acute Complex Health Problems
NU 333	Health Promotion and Illness Management in the Childbearing Family
OR	
NU 335	Illness Management in Children and Adolescents
NU 334	Mental Health Promotion and Illness Management
OR	
	One (1) three-credit ethics elective

Cohorts that begin in the fall will take NU 334 in semester two. Cohorts that begin in the spring will take their ethics elective in semester two.

Semester Three — Summer or Fall

NU 333	Health Promotion and Illness Management in the Childbearing Family
OR	
NU 335	Illness Management in Children and Adolescents
NU 334	Mental Health Promotion and Illness Management
OR	

	One (1) three-credit ethics elective
NU 403	Research and Evidence-Based Practice *
NU 406	Nursing Care of Adults with Multi-System/Complex Health Problems

Cohorts that begin in the fall will take their ethics elective in semester three. Cohorts that begin in the spring will take NU 334 in semester three.

Semester Four — Fall or Spring

NU 400	Health Promotion and Risk Reduction in Communities *
NU 407	Applied Clinical Reasoning
NU 430	Leadership in Nursing Practice
NU 489	Nursing Internship: Transition to Practice *
	Comprehensive exam

* Fulfills Liberal Arts Core/University Requirements. See University Requirements and the Liberal Arts Core (p. 59) and the Course Descriptions (p. 203) for further information.

Nursing — Hybrid Online R.N.-to-B.S.N. Program Track

Admissions to the R.N.-to-B.S.N. program track were suspended effective fall 2018.

Physical Therapy

Pre-Physical Therapy

Marymount University offers opportunities to prepare for entry to Marymount's Doctor of Physical Therapy program. The pre-professional requirements for this program can be met through a variety of undergraduate fields.

The Malek School of Health Professions outlines one option through its health sciences major/pre-physical therapy emphasis. (p. 145)

An academic advisor can help students interested in preparing for entry to a physical therapy graduate program. For information about Marymount's Doctor of Physical Therapy program, see the university's *Graduate Catalog*. Special admission consideration is given to current Marymount students who have completed at least two full-time semesters at Marymount prior to applying, Marymount graduates, and persons from minority groups who are underrepresented in the profession.

A pre-physical therapy plan of study is rigorous, and substantial academic discipline is needed to complete the coursework consistent with stated program prerequisites.

Physical Therapy Scholars Program

This competitive program, open to first-time college students, guarantees admission into the physical therapy (PT) doctoral program to a select group of well-qualified incoming first-year students. These students, chosen by the PT admissions committee, must meet stringent acceptance and continuation requirements. To be accepted into the program, a student must have

- a score of 1100 or above on the SATs;
- a minimum high school GPA of 3.3;
- a minimum high school mathematics and science GPA of 3.3, or its equivalent;
- three years of high school science (chemistry, biology, and physics preferred);
- three years of high school mathematics;
- four years of high school English; and
- a completed essay for the Marymount University undergraduate admissions application.

To continue in the program, a student must

- maintain a minimum overall GPA of 3.5;
- maintain a minimum science GPA of 3.5 (a science GPA is defined as the grades received in the prerequisite science courses);
- demonstrate active involvement in the greater Marymount community;
- complete 40 hours of observation or volunteer service work in a physical therapy clinical setting, verified by a physical therapist from the clinical setting (These hours may be completed at more than one clinical facility.);
- obtain a letter of recommendation from a faculty member in the student's academic major;
- maintain communication with PT department faculty liaison (i.e., respond to emails from the faculty liaison upon request); and
- complete the Physical Therapy Centralized Application Service (PTCAS) online application by the established deadline.

Decisions regarding general undergraduate admission to the university and admission to the PT Scholars Program are made separately. Qualified applicants interested in the PT Scholars Program should contact the Office of Admissions for specific application instructions.

School of Sciences, Mathematics, and Education

Dean: Dr. Catherine M. Wehlburg

The core mission of the School of Sciences, Mathematics, and Education is to enable students to serve as agents of positive change for individuals and in the global community.

The school offers undergraduate programs in biology and physical sciences, criminal justice, education, mathematics, mathematics with secondary licensure, multidisciplinary studies with PK-6 licensure, multidisciplinary studies with special education licensure, psychology, and sociology. At the undergraduate level, the school also runs three additional teacher licensure programs in art, English, and history disciplines housed in the School of Design, Arts, and Humanities. At the graduate level, students may pursue degrees in counseling, education, and forensic and legal psychology.

Biology and Physical Sciences

Biology (B.A.)

This program provides students a strong background in biology so they may enter the workforce, pursue additional education after graduation, or strengthen other programs of study. In addition, students who graduate from this program will have the critical thinking, analytic, and writing skills employers seek. Positions are available in a variety of federal, state, and local government agencies — especially science, health, forensics, or environmental agencies. Private research and commercial companies also offer employment to students as research assistants, writers, technicians, and managers and in sales. With additional education courses, students in this program will be able to enter the teaching profession directly or after a master's program in education. If students decide to pursue related fields of study or new fields of graduate study (e.g., law, business, biotechnology, and bioinformatics), this program gives them an excellent basis for any continued education necessary to meet their goals.

Upon successful completion of the biology B.A. program, students will be able to

- demonstrate a comprehensive knowledge of the field of biology and the ability to synthesize a range of biological concepts and ideas;
- demonstrate an understanding of modern scientific research, including a familiarity with current

methods for designing experiments, applications of laboratory skills, and the ability to analyze and interpret data; and

- demonstrate effective oral and written communication skills, including an ability to effectively communicate and work with diverse groups.

Students who are in the pre-med or pre-physical therapy tracks, licensure programs, or also pursuing minors should work carefully with their advisors to ensure they meet all requirements. See also the sample degree plan below.

Minimum Grade Requirements: A minimum grade of C- is required in any course within the major courses (biology, chemistry, and physics) that serve as a prerequisite for a higher-numbered course. This requirement may apply to other courses as indicated in the course catalog. Courses in which the minimum grade is not achieved may not be repeated more than once without permission of the biology and physical sciences department chair.

Degree Requirements — Biology (B.A.)

This degree requires a total of 120 credits.

Liberal Arts Core and University Requirements

See University Requirements and the Liberal Arts Core (p. 59) for details. Biology majors will satisfy the three-course university Writing Intensive (WI) requirement in the following way: BIO 300 Writing for Science and BIO 368 Advanced Research Methods, and one additional WI course. Students should fulfill the third WI course and the GP requirement with a general elective or a Liberal Arts Core course.

Major Requirements

To fulfill the requirements of the major, all students in this program will take the following coursework in a sequence determined in collaboration with a faculty advisor. Some courses also satisfy Liberal Arts Core and/or University Requirements.

BIO 151	General Biology I *
BIO 151L	General Biology I Lab *
BIO 152	General Biology II *
BIO 152L	General Biology II Lab
BIO 260	Microbiology
BIO 260L	Microbiology Lab

BIO 262	Genetics for Majors *
BIO 262L	Genetics for Majors Lab
BIO 300	Writing for Science *
BIO 363	Cellular Biology
BIO 368	Advanced Research Methods *
BIO 400	Internship *
BIO 410	Seminar *
CHM 125	Life Chemistry * or higher level
CHM 125L	Life Chemistry Lab or higher level
MA 132	Statistical Analysis *
MA 181	OR Calculus *
PH 250	Philosophy of Science
PHYS 161	College Physics I * or higher level
PHYS 161L	College Physics I Lab or higher level

At least ten (10) credits from science elective courses:

BIO 224	Endocrinology
BIO 250	General Botany
BIO 250L	General Botany Lab
BIO 272	Parasitology
BIO 272L	Parasitology Lab
BIO 327	Introduction to Marine Biology and Tropical Ecology *
BIO 385	Approaches to Teaching Secondary Biology
BIO 441	Biochemistry
BIO 441L	Biochemistry Lab
BIO 442	Nucleic Acids and Metabolism
BIO 444	Immunology
BIO 446	Animal Virology
BIO 449	Advanced Molecular Biology
CHM 151	Principles of Chemistry I * or higher level
CHM 151L	Principles of Chemistry I Lab or higher level
CHM 152	Principles of Chemistry II * or higher level
CHM 152L	Principles of Chemistry II Lab or higher level
CHM 221	Organic Chemistry I
CHM 221L	Organic Chemistry I Lab
CHM 222	Organic Chemistry II
CHM 222L	Organic Chemistry II Lab
CHM 441	Physical Biochemistry
PHYS 162	College Physics II * or higher level

PHYS 162L	College Physics II Lab or higher level
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Note: Students must check prerequisites for all science elective courses when determining elective course selections. Some prerequisite courses are not requirements in the Biology B.A. program. BIO 385: Students must be accepted into the Biology with Secondary-Level Teaching Licensure program prior to taking this course.

Sample Degree Plan — Biology (B.A.)

Please note that this is a sample plan. All students must consult with an advisor in making course selections. This plan will differ for students who wish to pursue the pre-med track, a pre-physical therapy course of study, a minor, licensure, or a certification program.

Year One — Fall

BIO 151	General Biology I *
BIO 151L	General Biology I Lab *
EN 101	Composition I *
HI	Introductory History (HI-1) core course *
DSC 101	DISCOVER First-Year Seminar *

BIO 151: NS core course

EN 101: WR core course

Year One — Spring

BIO 152	General Biology II *
BIO 152L	General Biology II Lab
EN 102	Composition II *
MA 132	Statistical Analysis *
TRS 100	Theological Inquiry *
	Introductory Social Science (SS-1) core course *

EN 102: WR core course

MA 132: MT core course

TRS 100: TRS-1 core course

Year Two — Fall

BIO 260	Microbiology
BIO 260L	Microbiology Lab
BIO 300	Writing for Science *
CHM 125	Life Chemistry * or higher level
CHM 125L	Life Chemistry Lab or higher level
EN	Introductory Literature (LT-1) core course *
	Introductory Social Science (SS-1) core course *

Year Two — Spring

BIO 262	Genetics for Majors *
BIO 262L	Genetics for Majors Lab
PH 100	Introduction to Philosophy *
	Fine Arts (FNA), Advanced Literature (LT-2), or Advanced History (HI-2) core course *
	One (1) elective

PH 100: PH-1 core course

Year Three — Fall

BIO 363	Cellular Biology
BIO 368	Advanced Research Methods *
	One (1) science elective
	One (1) elective
PH 250	Philosophy of Science *

PH 250: PH-2 core course

Science Elective Course: See Major Requirements above for course selections.

Year Three — Spring

	One (1) science elective
	Advanced Social Science (SS-2) core course *
	Theological Ethics (TRS-E) core course *
	Two (2) electives

Science Elective Course: See Major Requirements above for course selections.

Year Four — Fall

BIO 400	Internship *
BIO 410	Seminar *
PHYS 161	College Physics I *
PHYS 161L	College Physics I Lab
	One (1) elective
	Fine Arts (FNA), Advanced Literature (LT-2), or Advanced History (HI-2) core course *

Year Four — Spring

	Fine Arts (FNA), Advanced Literature (LT-2), or Advanced History (HI-2) core course *
	One (1) science elective with lab
	Three (3) electives

Science Elective Course: See Major Requirements above for course selections.

* Fulfills Liberal Arts Core/University Requirements. See University Requirements and the Liberal Arts Core (p. 59) and the Course Descriptions (p. 203) for further information.

Biology (B.S.)

Study in the biological sciences responds to the increasing demand for scientific expertise in a variety of professional settings, including industry and law.

The program permits students to build on a common foundation of introductory courses in biology and chemistry. It provides preparation for advanced studies in biology and health-related professional fields, or for entry into a variety of areas within the biotechnology industries.

Upon successful completion of the biology program, students will be able to

- independently conduct and evaluate scientific research;
- demonstrate effective oral and written scientific communication skills;
- understand the moral and ethical impact of science on their communities, both local and global; and
- integrate a range of scientific concepts and ideas.

Students in the pre-med track have additional specific requirements, which follow. These students will be assisted with MCAT preparation in their junior and/or senior year, if they choose. These students will also have a pre-med primary advisor to ensure that all medical school questions are answered and that proper progress is being made toward completion of the pre-med designated curriculum. The pre-med advisor will also assist students in choosing medical schools and advocating on behalf of students for a selection of medical schools.

Students who wish to prepare for admission to Marymount's Doctor of Physical Therapy program should supplement the biology program requirements with four additional courses, as noted under that track. See also the sample degree plan below.

Minimum Grade Requirements: A minimum grade of C- is required in any course within the major courses (biology, chemistry, and physics) that serve as a prerequisite for a higher-numbered course. Courses in which the minimum grade is not achieved may not be repeated more than once without permission of the biology and physical sciences department chair.

Pre-Med Admission Requirements: The pre-med track is reserved for students who have and will maintain a high academic standard. The pre-med designation will be available to entering first-year students who have a minimum high school GPA of 3.6. Students who are accepted into Marymount University,

but do not initially meet the requirements for entry into the pre-med track, can apply for entry any time after completing one semester at Marymount University with a minimum GPA of 3.5.

Pre-Med Degree Planning: See the sample degree plan. Students intending to seek admission to medical school immediately following graduation should work closely with an advisor to develop their course schedules, with chemistry, physics, and most biology coursework completed by the senior year. If such a plan is not followed, the student in this track will be advised to take the MCAT after graduation and delay his or her application to medical school for one year.

Pre-Med Minimum Grade Requirements: Students will earn the pre-med designation if they maintain a cumulative Marymount University GPA of 3.5 or higher.

Degree Requirements — Biology (B.S.)

This degree requires a total of 120 credits.

Liberal Arts Core and University Requirements

See University Requirements and the Liberal Arts Core (p. 59) for details. Biology majors will satisfy the three-course university Writing Intensive (WI) requirement in the following way: BIO 300 Writing for Science and BIO 368 Advanced Research Methods, and one additional WI course. Students should fulfill the third WI course and the GP requirement with a general elective or a Liberal Arts Core course.

Major Requirements

To fulfill the requirements of the major, all students in this program will take the following coursework in a sequence determined in collaboration with a faculty advisor. Some courses also satisfy Liberal Arts Core and/or University Requirements.

BIO 151	General Biology I *
BIO 151L	General Biology I Lab *
BIO 152	General Biology II *
BIO 152L	General Biology II Lab
BIO 260	Microbiology
BIO 260L	Microbiology Lab
BIO 262	Genetics for Majors *
BIO 262L	Genetics for Majors Lab
BIO 300	Writing for Science *
BIO 363	Cellular Biology
BIO 368	Advanced Research Methods *
BIO 400	Internship *
BIO 410	Seminar *

CHM 151	Principles of Chemistry I *
CHM 151L	Principles of Chemistry I Lab
CHM 152	Principles of Chemistry II *
CHM 152L	Principles of Chemistry II Lab
CHM 221	Organic Chemistry I
CHM 221L	Organic Chemistry I Lab
CHM 222	Organic Chemistry II
CHM 222L	Organic Chemistry II Lab
MA 171	Calculus with Precalculus A *
MA 172	AND Calculus with Precalculus B
MA 181	OR Calculus *
PHYS 271	General Physics I *
PHYS 271L	General Physics I Lab
PHYS 272	General Physics II *
PHYS 272L	General Physics II Lab

Ten (10) credits from the following (a minimum of 3 credits must be at the 300 level or higher):

BIO 224	Endocrinology
BIO 250	General Botany
BIO 272	Parasitology
BIO 327	Introduction to Marine Biology and Tropical Ecology *
BIO 441	Biochemistry
BIO 442	Nucleic Acids and Metabolism
BIO 444	Immunology
BIO 446	Animal Virology
BIO 449	Advanced Molecular Biology
CHM 441	Physical Biochemistry

Pre-Med Courses

Students completing the pre-med track must complete the following courses and select an additional six (6) credits from the courses above:

BIO 441	Biochemistry
BIO 441L	Biochemistry Lab
MA 218	Probability and Statistics *

Pre-Physical Therapy Courses

Students intending to seek admission to Marymount's Doctor of Physical Therapy program should add the following courses:

BIO 161	Anatomy and Physiology I *
BIO 161L	Anatomy and Physiology I Lab
BIO 162	Anatomy and Physiology II *
BIO 162L	Anatomy and Physiology II Lab
MA 132	Statistical Analysis *
PSY 110	Human Growth and Development *

Sample Degree Plan — Biology (B.S.)

Please note that this is a sample plan; all students must consult with an advisor in making course selections. This plan will differ for students who wish to pursue the pre-med track or follow a pre-physical therapy course of study.

Year One — Fall

BIO 151	General Biology I *
BIO 151L	General Biology I Lab *
MA 181	Calculus *
EN 101	Composition I *
DSC 101	DISCOVER First-Year Seminar *

BIO 151: NS core course

MA 181: MT core course

EN 101: WR core course

Year One — Spring

BIO 152	General Biology II *
BIO 152L	General Biology II Lab
EN 102	Composition II *
TRS 100	Theological Inquiry *
HI	Introductory History (HI-1) core course *
	Introductory Social Science (SS-1) core course *

EN 102: WR core course

TRS 100: TRS-1 core course

Year Two — Fall

BIO 260	Microbiology
BIO 260L	Microbiology Lab
BIO 300	Writing for Science *
CHM 151	Principles of Chemistry I *
CHM 151L	Principles of Chemistry I Lab
EN	Introductory Literature (LT-1) core course *
	Introductory Social Science (SS-1) core course *

CHM 151: NS core course

Year Two — Spring

BIO 262	Genetics for Majors *
BIO 262L	Genetics for Majors Lab
CHM 152	Principles of Chemistry II *
CHM 152L	Principles of Chemistry II Lab
PH 100	Introduction to Philosophy *
	Fine Arts (FNA), Advanced Literature (LT-2), or Advanced History (HI-2) core course *

PH 100: PH-1 core course

Year Three — Fall

BIO 363	Cellular Biology
BIO 368	Advanced Research Methods *

CHM 221	Organic Chemistry I
CHM 221L	Organic Chemistry I Lab
PH	Advanced Philosophy (PH-2) or Philosophical Ethics (PH-E) core course *
	Advanced Social Science (SS-2) core course *

Year Three — Spring

CHM 222	Organic Chemistry II
CHM 222L	Organic Chemistry II Lab
	Two (2) science electives
	Advanced Theology/Religious Studies (TRS-2) or Theological Ethics (TRS-E) core course *
	One (1) elective

Science Elective Course: See Major Requirements above for course selections.

Year Four — Fall

BIO 400	Internship *
BIO 410	Seminar *
PHYS 271	General Physics I *
PHYS 271L	General Physics I Lab
	One (1) science elective with lab

Science Elective Course: See Major Requirements above for course selections.

Year Four — Spring

PHYS 272	General Physics II *
PHYS 272L	General Physics II Lab
	Fine Arts (FNA), Advanced Literature (LT-2), or Advanced History (HI-2) core course *
	Two (2) electives

Sample Degree Plan — Biology (Pre-Med Track)

Please note that this is a sample plan; all students must consult with an advisor in making course selections.

Year One — Fall

BIO 151	General Biology I *
BIO 151L	General Biology I Lab *
CHM 151	Principles of Chemistry I *
CHM 151L	Principles of Chemistry I Lab
MA 181	Calculus *
EN 101	Composition I *
DSC 101	DISCOVER First-Year Seminar *

BIO 151: NS core course

CHM 151: NS core course

MA 181: MT core course

EN 101: WR core course

Year One — Spring

BIO 152	General Biology II *
BIO 152L	General Biology II Lab
CHM 152	Principles of Chemistry II *
CHM 152L	Principles of Chemistry II Lab
MA 218	Probability and Statistics *
EN 102	Composition II *

EN 102: WR core course

Year Two — Fall

BIO 260	Microbiology
BIO 260L	Microbiology Lab
BIO 300	Writing for Science *
CHM 221	Organic Chemistry I
CHM 221L	Organic Chemistry I Lab
EN	Introductory Literature (LT-1) core course *
	Introductory Social Science (SS-1) core course *

Year Two — Spring

BIO 262	Genetics for Majors *
BIO 262L	Genetics for Majors Lab
CHM 222	Organic Chemistry II
CHM 222L	Organic Chemistry II Lab
PH 100	Introduction to Philosophy *
TRS 100	Theological Inquiry *

PH 100: PH-1 core course

TRS 100: TRS-1 core course

Year Three — Fall

BIO 363	Cellular Biology
BIO 368	Advanced Research Methods *
PHYS 271	General Physics I *
PHYS 271L	General Physics I Lab
HI	Introductory History (HI-1) core course *
PH	Advanced Philosophy (PH-2) or Philosophical Ethics (PH-E) core course *

Year Three — Spring

PHYS 272	General Physics II *
PHYS 272L	General Physics II Lab
	One (1) science elective course
	Introductory Social Science (SS-1) core course *
	Advanced Theology/Religious Studies (TRS-2) or Theological Ethics (TRS-E) core course *

Science Elective Course: See Major Requirements above for course selections.

Year Four — Fall

BIO 410	Seminar *
BIO 441	Biochemistry
BIO 441L	Biochemistry Lab
	One (1) science elective course
	Fine Arts (FNA), Advanced Literature (LT-2), or Advanced History (HI-2) core course *
	Advanced Social Science (SS-2) core course *

Science Elective Course: See Major Requirements above for course selections.

Year Four — Spring

BIO 400	Internship *
	Fine Arts (FNA), Advanced Literature (LT-2), or Advanced History (HI-2) core course *
	Two (2) electives

Sample Degree Plan — Biology with Pre-PT coursework

Please note that this is a sample plan; all students must consult with an advisor in making course selections.

Year One — Fall

BIO 151	General Biology I *
BIO 151L	General Biology I Lab *
MA 181	Calculus *
EN 101	Composition I *
DSC 101	DISCOVER First-Year Seminar *

BIO 151: NS core course

MA 181: MT core course

EN 101: WR core course

Year One — Spring

BIO 152	General Biology II *
BIO 152L	General Biology II Lab
EN 102	Composition II *
PSY 110	Human Growth and Development *
HI	Introductory History (HI-1) core course *

EN 102: WR core course

PSY 110: SS-1 core course

Year Two — Fall

BIO 161	Anatomy and Physiology I *
BIO 161L	Anatomy and Physiology I Lab
BIO 260	Microbiology
BIO 260L	Microbiology Lab
BIO 300	Writing for Science *
CHM 151	Principles of Chemistry I *

CHM 151L	Principles of Chemistry I Lab
TRS 100	Theological Inquiry *

TRS 100: TRS-1 core course

CHM 151: NS core course

Year Two — Spring

BIO 162	Anatomy and Physiology II *
BIO 162L	Anatomy and Physiology II Lab
BIO 262	Genetics for Majors *
BIO 262L	Genetics for Majors Lab
CHM 152	Principles of Chemistry II *
CHM 152L	Principles of Chemistry II Lab
EN	Introductory Literature (LT-1) core course *

Year Three — Fall

BIO 363	Cellular Biology
BIO 368	Advanced Research Methods *
CHM 221	Organic Chemistry I
CHM 221L	Organic Chemistry I Lab
PH 100	Introduction to Philosophy *
	Introductory Social Science (SS-1) core course *

PH 100: PH-1 core course

Year Three — Spring

CHM 222	Organic Chemistry II
CHM 222L	Organic Chemistry II Lab
	Two (2) science elective courses
	Fine Arts (FNA), Advanced Literature (LT-2), or Advanced History (HI-2) core course *
	Advanced Theology/Religious Studies (TRS-2) or Theological Ethics (TRS-E) core course *

Science Elective Course: See Major Requirements above for course selections.

Year Four — Fall

BIO 410	Seminar *
PHYS 271	General Physics I *
PHYS 271L	General Physics I Lab
	One (1) science elective course with lab
PH	Advanced Philosophy (PH-2) or Philosophical Ethics (PH-E) core course *
	Advanced Social Science (SS-2) core course *

Science Elective Course: See Major Requirements above for course selections.

Year Four — Spring

BIO 400	Internship *
PHYS 272	General Physics II *
PHYS 272L	General Physics II Lab
	One (1) elective course
	Fine Arts (FNA), Advanced Literature (LT-2), or Advanced History (HI-2) core course *

* Fulfills Liberal Arts Core/University Requirements.

See University Requirements and the Liberal Arts Core (p. 59) and the Course Descriptions (p. 203) for further information.

Biology with Secondary Teaching Licensure (B.A. in Biology)

This program of study allows students to complete a baccalaureate degree in biology and also be licensed to teach secondary biology at the end of four years. Students pursuing licensure in this manner complete all requirements necessary for Virginia licensure, including field experiences and student teaching.

Admission Requirements: Students in this program must seek admission to the teacher licensure program and apply for student teaching. See the education section (p. 182) for admission requirements and procedures.

Degree Planning: Students in this program must take courses as specified to ensure fulfillment of state licensure requirements. In addition to working with a biology advisor, students must see an education advisor in the School of Sciences, Mathematics, and Education for further assistance in degree planning.

Also, course rotations vary, and not every course is available each semester. Course rotations are specified in the Course Descriptions (p. 203) in this catalog. Individual advising is important to ensure students meet all major and teaching licensure requirements.

Minimum Grade Requirements: Students must maintain a 3.0 grade point average in their major. A grade of a C or better is required in professional studies courses. Professional studies courses are those associated with teacher preparation. An overall 2.5 GPA is required.

Degree Requirements — Biology with Secondary Teaching Licensure (B.A. in Biology)

This degree requires a total of 121 credits.

Liberal Arts Core and University Requirements

See University Requirements and the Liberal Arts Core (p. 59) for details. Biology majors will satisfy the three-course university Writing Intensive (WI) requirement in the following way: BIO 300 Writing for Science, BIO 368 Advanced Research Methods, and one additional WI course. Students should fulfill the third WI course and the GP requirement with a general elective or a Liberal Arts Core course.

Major Requirements

To fulfill the requirements of the major, all students in this program will take the following coursework in a sequence determined in collaboration with a faculty advisor. Some courses also satisfy Liberal Arts Core and/or University Requirements. Some coursework fulfills teaching licensure requirements as specified by the Commonwealth of Virginia.

BIO 151	General Biology I *
BIO 151L	General Biology I Lab *
BIO 152	General Biology II *
BIO 152L	General Biology II Lab
BIO 260	Microbiology
BIO 260L	Microbiology Lab
BIO 262	Genetics for Majors *
BIO 262L	Genetics for Majors Lab
BIO 300	Writing for Science *
BIO 363	Cellular Biology
BIO 368	Advanced Research Methods *
BIO 400	Internship *
BIO 410	Seminar *
CHM 125	Life Chemistry *
CHM 125L	Life Chemistry Lab
ED 200	Foundations of Teaching and Learning
ED 254	Technology for the K-12 Classroom
ED 337	Literacy in the Content Areas
ED 338	Secondary Education: Curriculum and Methods
ED 351	Assessment to Support Learning in K-12
ED 366	Secondary Teaching Methods in Science
ED 452	Managing the K-12 Classroom
ED 460S	Student Teaching: Secondary Level *
MA 132	Statistical Analysis *
PHYS 161	College Physics I *
PHYS 161L	College Physics I Lab
PSY 110	Human Growth and Development *

PSY 341	Psychology of Individuals with Exceptionalities *
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ED 452 and ED 460S must be taken at the same time.

Ten (10) credits from science elective courses:

BIO 224	Endocrinology
BIO 250	General Botany
BIO 250L	General Botany Lab
BIO 272	Parasitology
BIO 272L	Parasitology Lab
BIO 327	Introduction to Marine Biology and Tropical Ecology *
BIO 441	Biochemistry
BIO 441L	Biochemistry Lab
BIO 442	Nucleic Acids and Metabolism
BIO 444	Immunology
BIO 446	Animal Virology
BIO 449	Advanced Molecular Biology
CHM 151	Principles of Chemistry I *
CHM 151L	Principles of Chemistry I Lab
CHM 152	Principles of Chemistry II *
CHM 152L	Principles of Chemistry II Lab
CHM 221	Organic Chemistry I
CHM 221L	Organic Chemistry I Lab
CHM 222	Organic Chemistry II
CHM 222L	Organic Chemistry II Lab
CHM 441	Physical Biochemistry
PHYS 162	College Physics II *
PHYS 162L	College Physics II Lab

Note: Students must check prerequisites for all science elective courses when determining elective course selections. Some prerequisite courses are not requirements in the Biology B.A. program.

BIO 385: Students must be accepted into the Biology with Secondary Teaching Licensure prior to taking this course.

Sample Degree Plan — Biology with Secondary Teaching Licensure (B.A. in Biology)

Please note that this is a sample plan. All students must consult with an advisor in making course selections. This plan will differ for students who wish to pursue the pre-med track, a pre-physical therapy course of study, a minor, licensure, or a certification program.

Year One — Fall

BIO 151	General Biology I *
BIO 151L	General Biology I Lab *
EN 101	Composition I *
HI	Introductory History (HI-1) core course *

DSC 101	DISCOVER First-Year Seminar *
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BIO 151: NS core course

EN 101: WR core course

Year One — Spring

BIO 152	General Biology II *
BIO 152L	General Biology II Lab
EN 102	Composition II *
MA 132	Statistical Analysis *
TRS 100	Theological Inquiry *
PSY 110	Human Growth and Development *

EN 102: WR core course

MA 132: MT core course

TRS 100: TRS-1 core course

PSY 110: SS-1 core course

Year Two — Fall

BIO 260	Microbiology
BIO 260L	Microbiology Lab
BIO 300	Writing for Science *
CHM 125	Life Chemistry *
CHM 125L	Life Chemistry Lab
ED 200	Foundations of Teaching and Learning
ED 254	Technology for the K-12 Classroom
	Introductory Social Science (SS-1) core course *

Year Two — Spring

BIO 262	Genetics for Majors *
BIO 262L	Genetics for Majors Lab
PH 100	Introduction to Philosophy *
PSY 341	Psychology of Individuals with Exceptionalities *
	Fine Arts (FNA), Advanced Literature (LT-2), or Advanced History (HI-2) core course *
EN	Introductory Literature (LT-1) core course *

PH 100: PH-1 core course

PSY 341: SS-2 core course

Year Three — Fall

BIO 363	Cellular Biology
BIO 368	Advanced Research Methods *
ED 338	Secondary Education: Curriculum and Methods
ED 351	Assessment to Support Learning in K-12
PH 250	Philosophy of Science *
	One (1) science elective

PH 250: PH-2 core course

Science elective course: See Major Requirements for course selection.

Year Three — Spring

ED 337	Literacy in the Content Areas
	One (1) science elective
	One (1) science elective
	Theological Ethics (TRS-E) core course *
	Fine Arts (FNA), Advanced Literature (LT-2), or Advanced History (HI-2) core course *

Science Elective Course: See Major Requirements for course selections.

Year Four — Fall

BIO 400	Internship *
BIO 410	Seminar *
ED 366	Secondary Teaching Methods in Science
PHYS 161	College Physics I *
PHYS 161L	College Physics I Lab
	One (1) science elective

Science Elective Course: See Major Requirements for course selection.

Year Four — Spring

ED 460S	Student Teaching: Secondary Level *
ED 452	Managing the K-12 Classroom
	One (1) science elective

Science Elective Course: See Major Requirements for course selection.

* Fulfills Liberal Arts Core/University Requirements. See University Requirements and the Liberal Arts Core (p. 59) and the Course Descriptions (p. 203) for further information.

Biology with Secondary Teaching Licensure (B.S. in Biology)

This program of study allows students to complete a baccalaureate degree in biology and also be licensed to teach secondary biology at the end of four years. Students pursuing licensure in this manner complete all requirements necessary for Virginia licensure, including field experiences and student teaching.

Admission Requirements: Students in this program must seek admission to the teacher licensure program and apply for student teaching. See the education section (p. 1822) for admission requirements and procedures.

Degree Planning: Students in this program must take courses as specified to ensure fulfillment of state licensure requirements. In addition to working with a biology advisor, students must see an education advisor

in the School of Sciences, Mathematics, and Education for further assistance in degree planning.

Also, course rotations vary, and not every course is available each semester. Course rotations are specified in the Course Descriptions (p. 203) in this catalog. Individual advising is important to ensure students meet all major and teaching licensure requirements.

Minimum Grade Requirements: Students must maintain a 3.0 grade point average in their major. A grade of a C or better is required in professional studies courses. Professional studies courses are those associated with teacher preparation. An overall 2.5 GPA is required.

Degree Requirements — Biology with Secondary Teaching Licensure (B.S. in Biology)

This degree requires a total of 132 credits.

Liberal Arts Core and University Requirements

See University Requirements and the Liberal Arts Core (p. 59) for details. Biology majors will satisfy the three-course university Writing Intensive (WI) requirement in the following way: BIO 300 Writing for Science, BIO 368 Advanced Research Methods, and one additional WI course. Students should fulfill the third WI course and the GP requirement with a general elective or a Liberal Arts Core course.

Major Requirements

To fulfill the requirements of the major, all students in this program will take the following coursework in a sequence determined in collaboration with a faculty advisor. Some courses also satisfy Liberal Arts Core and/or University Requirements. Some coursework fulfills teaching licensure requirements as specified by the Commonwealth of Virginia.

BIO 151	General Biology I *
BIO 151L	General Biology I Lab *
BIO 152	General Biology II *
BIO 152L	General Biology II Lab
BIO 260	Microbiology
BIO 260L	Microbiology Lab
BIO 262	Genetics for Majors *
BIO 262L	Genetics for Majors Lab
BIO 300	Writing for Science *
BIO 363	Cellular Biology
BIO 368	Advanced Research Methods *
BIO 410	Seminar *
CHM 151	Principles of Chemistry I *
CHM 151L	Principles of Chemistry I Lab

CHM 152	Principles of Chemistry II *
CHM 152L	Principles of Chemistry II Lab
CHM 221	Organic Chemistry I
CHM 221L	Organic Chemistry I Lab
CHM 222	Organic Chemistry II
CHM 222L	Organic Chemistry II Lab
ED 200	Foundations of Teaching and Learning
ED 254	Technology for the K-12 Classroom
ED 337	Literacy in the Content Areas
ED 338	Secondary Education: Curriculum and Methods
ED 351	Assessment to Support Learning in K-12
ED 366	Secondary Teaching Methods in Science
ED 452	Managing the K-12 Classroom
ED 460S	Student Teaching: Secondary Level *
GEOL 102	Principles of Geology *
GEOL 102L	Principles of Geology Lab
MA 171	Calculus with Precalculus A *
MA 172	AND
MA 172	Calculus with Precalculus B
MA 181	OR
MA 181	Calculus *
PHYS 271	General Physics I *
PHYS 271L	General Physics I Lab
PHYS 272	General Physics II *
PHYS 272L	General Physics II Lab
PSY 110	Human Growth and Development *
PSY 341	Psychology of Individuals with Exceptionalities *

ED 452 and ED 460S must be taken at the same time.

Ten (10) credits from the following (a minimum of 3 credits must be at the 300 level or higher):

BIO 224	Endocrinology
BIO 250	General Botany
BIO 272	Parasitology
BIO 327	Introduction to Marine Biology and Tropical Ecology *
BIO 441	Biochemistry
BIO 442	Nucleic Acids and Metabolism
BIO 444	Immunology
BIO 446	Animal Virology
BIO 449	Advanced Molecular Biology
CHM 441	Physical Biochemistry

Sample Degree Plan — Biology with Secondary Teaching Licensure (B.S. in Biology)

Please note that this is a sample plan; all students must consult with an advisor in making course selections. Students are responsible for the additional tuition costs if they are enrolled in 19 or more credits in a semester.

Year One — Fall

BIO 151	General Biology I *
BIO 151L	General Biology I Lab *
MA 181	Calculus *
EN 101	Composition I *
PSY 110	Human Growth and Development *
DSC 101	DISCOVER First-Year Seminar *

BIO 151: NS core course

MA 181: MT core course

EN 101: WR core course

PSY 110: SS-1 core course

Year One — Spring

BIO 152	General Biology II *
BIO 152L	General Biology II Lab
EN 102	Composition II *
TRS 100	Theological Inquiry *
HI	Introductory History (HI-1) core course *
	Introductory Social Science (SS-1) core course *

EN 102: WR core course

TRS 100: TRS-1 core course

Year Two — Fall

BIO 260	Microbiology
BIO 260L	Microbiology Lab
BIO 300	Writing for Science *
CHM 151	Principles of Chemistry I *
CHM 151L	Principles of Chemistry I Lab
ED 200	Foundations of Teaching and Learning
PH 100	Introduction to Philosophy *

CHM 151: NS core course

PH 100: PH-1 core course

Year Two — Spring

BIO 262	Genetics for Majors *
BIO 262L	Genetics for Majors Lab
CHM 152	Principles of Chemistry II *
CHM 152	Principles of Chemistry II *
ED 351	Assessment to Support Learning in K-12
GEOL 102	Principles of Geology *
GEOL 102L	Principles of Geology Lab
	Advanced Theology/Religious Studies (TRS-2) or Theological Ethics (TRS-E) core course *

Year Three — Fall

BIO 363	Cellular Biology
BIO 368	Advanced Research Methods *
CHM 221	Organic Chemistry I
CHM 221L	Organic Chemistry I Lab

ED 254	Technology for the K-12 Classroom
ED 338	Secondary Education: Curriculum and Methods
PSY 341	Psychology of Individuals with Exceptionalities *

PSY 341: SS-2 core course

Year Three — Spring

CHM 222	Organic Chemistry II
CHM 222L	Organic Chemistry II Lab
ED 337	Literacy in the Content Areas
	One (1) biology elective course
EN	Introductory Literature (LT-1) core course *
	Fine Arts (FNA), Advanced Literature (LT-2), or Advanced History (HI-2) core course *

Biology Elective Course: See Major Requirements above for course selections.

Year Four — Fall

BIO 410	Seminar *
PHYS 271	General Physics I *
PHYS 271L	General Physics I Lab
ED 366	Secondary Teaching Methods in Science
	One (1) biology elective course
	Fine Arts (FNA), Advanced Literature (LT-2), or Advanced History (HI-2) core course *
PH	Advanced Philosophy (PH-2) or Philosophical Ethics (PH-E) core course *

Biology Elective Course: See Major Requirements above for course selections.

Year Four — Spring

ED 460S	Student Teaching: Secondary Level *
ED 452	Managing the K-12 Classroom
PHYS 272	General Physics II *
PHYS 272L	General Physics II Lab
	One (1) biology elective course

Biology Elective Course: See Major Requirements above for course selections.

* Fulfills Liberal Arts Core/University Requirements. See University Requirements and the Liberal Arts Core (p. 59) and the Course Descriptions (p. 2033) for further information.

B.A. in Biology to M.B.A. Program

This pre-M.B.A. program allows advanced biology students to begin to pursue their M.B.A. degree while

completing their undergraduate program. If students begin their graduate coursework while completing their undergraduate programs, they could earn their undergraduate and graduate degrees at an accelerated rate.

B.A. in Biology students can supplement their undergraduate coursework with up to six credits of specified M.B.A. graduate courses. The M.B.A. courses would satisfy both graduate and undergraduate program requirements.

Students would be allowed to enroll in up to four graduate-level M.B.A. courses while completing undergraduate coursework; however, only two of those courses (six credits) would be eligible for application to the undergraduate degree. If students opt to take an additional two courses at the graduate level while completing the undergraduate degree, these courses would only apply to the graduate program requirements. All four graduate courses would satisfy M.B.A. program requirements.

Admission Requirements

In addition to meeting the universitywide undergraduate admission requirements, students are permitted to submit an application and, if approved, take graduate M.B.A. courses if they have

- at least 60 credits but no more than 90 credits and
- a minimum cumulative GPA of 3.4.

MBA Courses

MBA 511	Management Foundations
MBA 512	Accounting for Managers
MBA 515	Management in Organizations
MBA 521	Marketing Concepts and Practice

Biochemistry (B.S.)

Biochemistry is the study of biological molecules and chemical processes that make up all living systems, which in turn relates to the study and understanding of whole organisms. To fully interact with known biochemical information and make future contributions to our molecular understanding of life, students must obtain a broad background in biology and a firm foundation in chemistry, mathematics, and physics.

The program prepares students for professional school (medicine, dentistry, or veterinary medicine) and graduate school in biochemistry, molecular biology, or another biological science discipline. Graduates will find employment opportunities in the research programs

of universities or industrial and government laboratories.

Upon successful completion of the biochemistry program, students will be able to

- comprehend the breadth of current concepts in biochemistry and molecular genetics;
- read and critically evaluate scientific literature;
- formulate hypotheses and develop, conduct, and interpret a research plan; and
- demonstrate the ability to apply knowledge gained.

Minimum Grade Requirements: A minimum grade of C- is required in any course within the major courses (biology, chemistry, physics, and mathematics) that serves as a prerequisite for a higher-numbered course. Courses in which the minimum grade is not achieved may not be repeated more than once without permission of the biology and physical sciences department chair.

Degree Requirements — Biochemistry

This degree requires a total of 123 credits.

Liberal Arts Core and University Requirements

See University Requirements and the Liberal Arts Core (p. 59) for details. Biochemistry majors will satisfy the three-course university Writing Intensive (WI) requirement in the following way: BIO 300 Writing for Science, BIO 368 Advanced Research Methods, and one additional WI course from the Liberal Arts Core or as a university elective. Students should fulfill the third WI course and the GP requirement with a general elective or a Liberal Arts Core course.

Major Requirements

To fulfill the requirements of the major, all students in this program will take the following coursework in a sequence determined in collaboration with a faculty advisor. Some courses also satisfy Liberal Arts Core and/or University Requirements.

BIO 151	General Biology I *
BIO 151L	General Biology I Lab *
BIO 152	General Biology II *
BIO 152L	General Biology II Lab
BIO 260	Microbiology
BIO 260L	Microbiology Lab
BIO 262	Genetics for Majors *
BIO 262L	Genetics for Majors Lab
BIO 300	Writing for Science *
BIO 363	Cellular Biology
BIO 368	Advanced Research Methods *

BIO 400	Internship *
BIO 410	Seminar *
BIO 441	Biochemistry
BIO 441L	Biochemistry Lab
BIO 442	Nucleic Acids and Metabolism
BIO 449	Advanced Molecular Biology
CHM 151	Principles of Chemistry I *
CHM 151L	Principles of Chemistry I Lab
CHM 152	Principles of Chemistry II *
CHM 152L	Principles of Chemistry II Lab
CHM 221	Organic Chemistry I
CHM 221L	Organic Chemistry I Lab
CHM 222	Organic Chemistry II
CHM 222L	Organic Chemistry II Lab
CHM 441	Physical Biochemistry
MA 171	Calculus with Precalculus A *
MA 172	Calculus with Precalculus B
MA 181	Calculus *
MA 218	Probability and Statistics *
PHYS 271	General Physics I *
PHYS 271L	General Physics I Lab
PHYS 272	General Physics II *
PHYS 272L	General Physics II Lab

Six (6) credits, choosing from the following (a minimum of 3 credits must be at the 300 level or higher):

BIO 224	Endocrinology
BIO 250	General Botany
BIO 272	Parasitology
BIO 327	Introduction to Marine Biology and Tropical Ecology *
BIO 444	Immunology
BIO 446	Animal Virology

Sample Degree Plan — Biochemistry

Please note that this is a sample plan; all students must consult with an advisor in making course selections.

Year One — Fall

BIO 151	General Biology I *
BIO 151L	General Biology I Lab *
MA 181	Calculus *
EN 101	Composition I *
DSC 101	DISCOVER First-Year Seminar *

BIO 151: NS core course

MA 181: MT core course

EN 101: WR core course

Year One — Spring

BIO 152	General Biology II *
BIO 152L	General Biology II Lab
EN 102	Composition II *
MA 218	Probability and Statistics *
TRS 100	Theological Inquiry *
HI	Introductory History (HI-1) core course *

EN 102: WR core course

TRS 100: TRS-1 core course

Year Two — Fall

BIO 260	Microbiology
BIO 260L	Microbiology Lab
BIO 300	Writing for Science *
CHM 151	Principles of Chemistry I *
CHM 151L	Principles of Chemistry I Lab
EN	Introductory Literature (LT-1) core course *
	Introductory Social Science (SS-1) core course *

CHM 151: NS core course

Year Two — Spring

BIO 262	Genetics for Majors *
BIO 262L	Genetics for Majors Lab
CHM 152	Principles of Chemistry II *
CHM 152L	Principles of Chemistry II Lab
PH 100	Introduction to Philosophy *
	Introductory Social Science (SS-1) core course *

PH 100: PH-1 core course

Year Three — Fall

BIO 363	Cellular Biology
BIO 441	Biochemistry
BIO 441L	Biochemistry Lab
CHM 221	Organic Chemistry I
CHM 221L	Organic Chemistry I Lab
PHYS 271	General Physics I *
PHYS 271L	General Physics I Lab

Year Three — Spring

BIO 368	Advanced Research Methods *
CHM 222	Organic Chemistry II
CHM 222L	Organic Chemistry II Lab
PHYS 272	General Physics II *
PHYS 272L	General Physics II Lab
	Advanced Social Science (SS-2) core course *
	Fine Arts (FNA), Advanced Literature (LT-2), or Advanced History (HI-2)

	core course *
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Year Four — Fall

BIO 410	Seminar *
BIO 442	Nucleic Acids and Metabolism
	One (1) biology elective course
PH	Advanced Philosophy (PH-2) or Philosophical Ethics (PH-E) core course *

	Fine Arts (FNA), Advanced Literature (LT-2), or Advanced History (HI-2) core course *
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Biology Elective Course: See Major Requirements above for course selections.

Year Four — Spring

BIO 400	Internship *
BIO 449	Advanced Molecular Biology
CHM 441	Physical Biochemistry
	One (1) biology elective course
	Advanced Theology/Religious Studies (TRS-2) or Theological Ethics (TRS-E) core course *

Biology Elective Course: See Major Requirements above for course selections.

* Fulfills Liberal Arts Core/University Requirements.
See University Requirements and the Liberal Arts Core
(p. 59) and the Course Descriptions (p. 2033) for further
information.

Pre-Chiropractic (Minor)

The minor in pre-chiropractic medicine is intended for those students who plan to pursue an advanced degree in chiropractic medicine. The minor includes courses that satisfy the prerequisite coursework of most chiropractic schools and courses designed to increase the competitiveness of a student's application.

The pre-chiropractic medicine minor requires a total of 32 credits. A minimum grade of C- must be earned in all courses applied to the minor.

Minor Requirements

Pre-Chiropractic Minor Requirements: 32 credits

BIO 151	General Biology I *
BIO 151L	General Biology I Lab *
BIO 152	General Biology II *
BIO 152L	General Biology II Lab
BIO 161	Anatomy and Physiology I *
BIO 161L	Anatomy and Physiology I Lab

BIO 162	Anatomy and Physiology II *
BIO 162L	Anatomy and Physiology II Lab
CHM 151	Principles of Chemistry I *
CHM 151L	Principles of Chemistry I Lab
CHM 152	Principles of Chemistry II *
CHM 152L	Principles of Chemistry II Lab
PHYS 161	College Physics I *
	OR
PHYS 271	General Physics I *
PHYS 161L	College Physics I Lab
	OR
PHYS 271L	General Physics I Lab
PHYS 162	College Physics II *
	OR
PHYS 272	General Physics II *
PHYS 162L	College Physics II Lab
	OR
PHYS 272L	General Physics II Lab

Pre-Dentistry (Minor)

The minor in pre-dentistry is intended for those students who plan to apply to dental school. The minor includes courses that satisfy the prerequisite coursework of most dental schools, cover the majority of topics on the DAT and other entrance examinations, and increase the competitiveness of a student's application.

The pre-dentistry minor requires a total of 32 credits. A minimum grade of C- must be earned in all courses applied to the minor.

Minor Requirements

Pre-Dentistry Minor Requirements: 32 credits

BIO 151	General Biology I *
BIO 151L	General Biology I Lab *
BIO 152	General Biology II *
BIO 152L	General Biology II Lab
CHM 151	Principles of Chemistry I *
CHM 151L	Principles of Chemistry I Lab
CHM 152	Principles of Chemistry II *
CHM 152L	Principles of Chemistry II Lab
CHM 221	Organic Chemistry I
CHM 221L	Organic Chemistry I Lab
CHM 222	Organic Chemistry II
CHM 222L	Organic Chemistry II Lab
PHYS 161	College Physics I *
	OR
PHYS 271	General Physics I *
PHYS 161L	College Physics I Lab
	OR
PHYS 271L	General Physics I Lab
PHYS 162	College Physics II *

PHYS 272	OR General Physics II *
PHYS 162L	College Physics II Lab OR
PHYS 272L	General Physics II Lab

Pre-Medicine (Minor)

The minor in pre-medicine is intended for those students who plan to apply to medical school; this minor must be approved by the premedical advisor. The minor includes courses that satisfy the prerequisite coursework of most medical schools, cover the majority of topics on the MCAT and other entrance examinations, and increase the competitiveness of a student's application.

The pre-medicine minor requires a total of 44 credits. A minimum grade of C- must be earned in all courses applied to the minor.

Minor Requirements

BIO 151	General Biology I *
BIO 151L	General Biology I Lab *
BIO 152	General Biology II *
BIO 152L	General Biology II Lab
BIO 161	Anatomy and Physiology I *
BIO 161L	Anatomy and Physiology I Lab
BIO 162	Anatomy and Physiology II *
BIO 162L	Anatomy and Physiology II Lab
CHM 151	Principles of Chemistry I *
CHM 151L	Principles of Chemistry I Lab
CHM 152	Principles of Chemistry II *
CHM 152L	Principles of Chemistry II Lab
CHM 221	Organic Chemistry I
CHM 221L	Organic Chemistry I Lab
CHM 222	Organic Chemistry II
CHM 222L	Organic Chemistry II Lab
MA 181	Calculus *
PHYS 271	General Physics I *
PHYS 271L	General Physics I Lab
PHYS 272	General Physics II *
PHYS 272L	General Physics II Lab

Minor Recommended Courses

Recommended: 10 credits

BIO 441	Biochemistry
BIO 441L	Biochemistry Lab
HIM 115	Medical Terminology
MA 218	Probability and Statistics *

Pre-Occupational Therapy (Minor)

The minor in pre-occupational therapy is intended for those students who plan to pursue an advanced degree in occupational therapy. The minor includes courses that satisfy the prerequisite coursework of most occupational therapy schools and courses designed to increase the competitiveness of a student's application.

The pre-occupational therapy minor requires a total of 41 credits. A minimum grade of C- must be earned in all courses applied to the minor.

Minor Requirements

Pre-Occupational Therapy Minor Requirements: 41 credits

BIO 151	General Biology I *
BIO 151L	General Biology I Lab *
BIO 152	General Biology II *
BIO 152L	General Biology II Lab
BIO 161	Anatomy and Physiology I *
BIO 161L	Anatomy and Physiology I Lab
BIO 162	Anatomy and Physiology II *
BIO 162L	Anatomy and Physiology II Lab
CHM 151	Principles of Chemistry I *
CHM 151L	Principles of Chemistry I Lab
CHM 152	Principles of Chemistry II *
CHM 152L	Principles of Chemistry II Lab
HIM 115	Medical Terminology
MA 132	Statistical Analysis *
PHYS 161	College Physics I *
PHYS 271	OR General Physics I *
PHYS 161L	College Physics I Lab OR
PHYS 271L	General Physics I Lab
PHYS 162	College Physics II *
PHYS 272	OR General Physics II *
PHYS 162L	College Physics II Lab OR
PHYS 272L	General Physics II Lab

Pre-Ophthalmology (Minor)

The minor in pre-ophthalmology is intended for those students who plan to apply to medical school followed by a three-year residency in ophthalmology; this minor must be approved by the premedical advisor. The minor includes courses that satisfy the prerequisite coursework of most medical schools, cover the majority of topics on the MCAT and other entrance examinations, and increase the competitiveness of a student's application.

The pre-ophthalmology minor requires a total of 43 credits. A minimum grade of C- must be earned in all courses applied to the minor.

Minor Requirements

Pre-Ophthalmology Minor Requirements: 43 credits

BIO 151	General Biology I *
BIO 151L	General Biology I Lab *
BIO 152	General Biology II *
BIO 152L	General Biology II Lab
BIO 441	Biochemistry
BIO 441L	Biochemistry Lab
CHM 151	Principles of Chemistry I *
CHM 151L	Principles of Chemistry I Lab
CHM 152	Principles of Chemistry II *
CHM 152L	Principles of Chemistry II Lab
CHM 221	Organic Chemistry I
CHM 221L	Organic Chemistry I Lab
CHM 222	Organic Chemistry II
CHM 222L	Organic Chemistry II Lab
MA 181	Calculus *
PHYS 271	General Physics I *
PHYS 271L	General Physics I Lab
PHYS 272	General Physics II *
PHYS 272L	General Physics II Lab

Minor Recommended Courses

Recommended: 12 credits

BIO 161	Anatomy and Physiology I *
BIO 161L	Anatomy and Physiology I Lab
BIO 162	Anatomy and Physiology II *
BIO 162L	Anatomy and Physiology II Lab
BIO 260	Microbiology
BIO 260L	Microbiology Lab

Pre-Osteopathic Medicine (Minor)

The minor in pre-osteopathic medicine is intended for those students who plan to apply to osteopathic medical school. The minor includes courses that satisfy the prerequisite coursework of most osteopathic medical schools, cover the majority of topics on the MCAT and other entrance examinations, and increase the competitiveness of a student's application.

The pre-osteopathic medicine minor requires a total of 32 credits. A minimum grade of C- must be earned in all courses applied to the minor.

Minor Requirements

Pre-Osteopathic Medicine Minor Requirements: 32 credits

BIO 151	General Biology I *
BIO 151L	General Biology I Lab *
BIO 152	General Biology II *
BIO 152L	General Biology II Lab
CHM 151	Principles of Chemistry I *
CHM 151L	Principles of Chemistry I Lab
CHM 152	Principles of Chemistry II *
CHM 152L	Principles of Chemistry II Lab
CHM 221	Organic Chemistry I
CHM 221L	Organic Chemistry I Lab
CHM 222	Organic Chemistry II
CHM 222L	Organic Chemistry II Lab
PHYS 161	College Physics I *
	OR
PHYS 271	General Physics I *
PHYS 161L	College Physics I Lab
	OR
PHYS 271L	General Physics I Lab
PHYS 162	College Physics II *
	OR
PHYS 272	General Physics II *
PHYS 162L	College Physics II Lab
	OR
PHYS 272L	General Physics II Lab

Minor Recommended Courses

Recommended: 16 credits

BIO 161	Anatomy and Physiology I *
BIO 161L	Anatomy and Physiology I Lab
BIO 162	Anatomy and Physiology II *
BIO 162L	Anatomy and Physiology II Lab
BIO 262	Genetics for Majors *
BIO 262L	Genetics for Majors Lab
BIO 441	Biochemistry
BIO 441L	Biochemistry Lab

Pre-Pharmacy (Minor)

The minor in pre-pharmacy is intended for those students who plan to pursue an advanced degree in pharmacy. The minor includes courses that satisfy the prerequisite coursework of most pharmacy schools, cover the majority of topics on the PCAT and other entrance examinations, and increase the competitiveness of a student's application.

The pre-pharmacy minor requires a total of 42 credits. A minimum grade of C- must be earned in all courses applied to the minor.

Minor Requirements

Pre-Pharmacy Minor Requirements: 42 credits

BIO 151	General Biology I *
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BIO 151L	General Biology I Lab *
BIO 152	General Biology II *
BIO 152L	General Biology II Lab
BIO 161	Anatomy and Physiology I *
BIO 161L	Anatomy and Physiology I Lab
BIO 162	Anatomy and Physiology II *
BIO 162L	Anatomy and Physiology II Lab
BIO 260	Microbiology
BIO 260L	Microbiology Lab
BIO 441	Biochemistry
CHM 151	Principles of Chemistry I *
CHM 151L	Principles of Chemistry I Lab
CHM 152	Principles of Chemistry II *
CHM 152L	Principles of Chemistry II Lab
CHM 221	Organic Chemistry I
CHM 221L	Organic Chemistry I Lab
CHM 222	Organic Chemistry II
CHM 222L	Organic Chemistry II Lab
MA 132	Statistical Analysis *

Minor Recommended Courses

Recommended: 15 credits

ECO 211	Principles of Macroeconomics *
MA 181	Calculus *
PHYS 161	College Physics I *
	OR
PHYS 271	General Physics I *
PHYS 161L	College Physics I Lab
	OR
PHYS 271L	General Physics I Lab
PHYS 162	College Physics II *
	OR
PHYS 272	General Physics II *
PHYS 162L	College Physics II Lab
	OR
PHYS 272L	General Physics II Lab

Pre-Physical Therapy (Minor)

The minor in pre-physical therapy is intended for those students who plan to pursue a graduate degree in physical therapy. The minor includes courses that satisfy the prerequisite coursework of most physical therapy schools and courses designed to increase the competitiveness of a student's application.

The pre-physical therapy minor requires a total of 35 credits. A minimum grade of C- must be earned in all courses applied to the minor.

Minor Requirements

Pre-Physical Therapy Minor Requirements: 35 credits

BIO 151	General Biology I *
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BIO 151L	General Biology I Lab *
BIO 152	General Biology II *
BIO 152L	General Biology II Lab
BIO 161	Anatomy and Physiology I *
BIO 161L	Anatomy and Physiology I Lab
BIO 162	Anatomy and Physiology II *
BIO 162L	Anatomy and Physiology II Lab
CHM 151	Principles of Chemistry I *
CHM 151L	Principles of Chemistry I Lab
CHM 152	Principles of Chemistry II *
CHM 152L	Principles of Chemistry II Lab
MA 132	Statistical Analysis *
PHYS 161	College Physics I *
	OR
PHYS 271	General Physics I *
PHYS 161L	College Physics I Lab
	OR
PHYS 271L	General Physics I Lab
PHYS 162	College Physics II *
	OR
PHYS 272	General Physics II *
PHYS 162L	College Physics II Lab
	OR
PHYS 272L	General Physics II Lab

Minor Recommended Courses

Recommended: 10 credits

HIM 115	Medical Terminology
MA 181	Calculus *
PSY 110	Human Growth and Development *

Pre-Physician Assistant (Minor)

The minor in pre-physician assistant is intended for those students who plan to pursue an advanced degree as a physician assistant. The minor includes courses that satisfy the prerequisite coursework of most physician assistant programs, cover the majority of topics on the GRE and other entrance examinations, and increase the competitiveness of a student's application.

The pre-physician assistant minor requires a total of 44 credits. A minimum grade of C- must be earned in all courses applied to the minor.

Minor Requirements

Pre-Physician Assistant Minor Requirements: 44 credits

BIO 151	General Biology I *
BIO 151L	General Biology I Lab *
BIO 152	General Biology II *
BIO 152L	General Biology II Lab
BIO 161	Anatomy and Physiology I *
BIO 161L	Anatomy and Physiology I Lab

BIO 162	Anatomy and Physiology II *
BIO 162L	Anatomy and Physiology II Lab
CHM 151	Principles of Chemistry I *
CHM 151L	Principles of Chemistry I Lab
CHM 152	Principles of Chemistry II *
CHM 152L	Principles of Chemistry II Lab
CHM 221	Organic Chemistry I
CHM 221L	Organic Chemistry I Lab
CHM 222	Organic Chemistry II
CHM 222L	Organic Chemistry II Lab
MA 181	Calculus *
PHYS 271	General Physics I *
PHYS 271L	General Physics I Lab
PHYS 272	General Physics II *
PHYS 272L	General Physics II Lab

Minor Recommended Courses

Recommended: 10 credits

BIO 441	Biochemistry
BIO 441L	Biochemistry Lab
HIM 115	Medical Terminology
MA 218	Probability and Statistics *

Pre-Podiatry (Minor)

The minor in pre-podiatry is intended for those students who plan to apply to podiatric medical school. The minor includes courses that satisfy the prerequisite coursework of most podiatric schools, cover the majority of topics on the MCAT and other entrance examinations, and increase the competitiveness of a student's application.

The pre-podiatry minor requires a total of 32 credits. A minimum grade of C- must be earned in all courses applied to the minor.

Minor Requirements

Pre-Podiatry Minor Requirements: 32 credits

BIO 151	General Biology I *
BIO 151L	General Biology I Lab *
BIO 152	General Biology II *
BIO 152L	General Biology II Lab
CHM 151	Principles of Chemistry I *
CHM 151L	Principles of Chemistry I Lab
CHM 152	Principles of Chemistry II *
CHM 152L	Principles of Chemistry II Lab
CHM 221	Organic Chemistry I
CHM 221L	Organic Chemistry I Lab
CHM 222	Organic Chemistry II
CHM 222L	Organic Chemistry II Lab
PHYS 161	College Physics I *

	OR
PHYS 271	General Physics I *
PHYS 161L	College Physics I Lab
	OR
PHYS 271L	General Physics I Lab
PHYS 162	College Physics II *
	OR
PHYS 272	General Physics II *
PHYS 162L	College Physics II Lab
	OR
PHYS 272L	General Physics II Lab

Minor Recommended Courses

Recommended: 12 credits

BIO 161	Anatomy and Physiology I *
BIO 161L	Anatomy and Physiology I Lab
BIO 162	Anatomy and Physiology II *
BIO 162L	Anatomy and Physiology II Lab
BIO 262	Genetics for Majors *
BIO 262L	Genetics for Majors Lab

Pre-Veterinary Medicine (Minor)

The minor in pre-veterinary medicine is intended for those students who plan to apply to veterinary school. The minor includes courses that satisfy the prerequisite coursework of most veterinary schools; cover the majority of topics on the GRE, VCAT, and other entrance examinations; and increase the competitiveness of a student's application.

The pre-veterinary medicine minor requires a total of 35 credits. A minimum grade of C- must be earned in all courses applied to the minor.

Minor Requirements

Pre-Veterinary Medicine Minor Requirements: 35 credits

BIO 151	General Biology I *
BIO 151L	General Biology I Lab *
BIO 152	General Biology II *
BIO 152L	General Biology II Lab
CHM 151	Principles of Chemistry I *
CHM 151L	Principles of Chemistry I Lab
CHM 152	Principles of Chemistry II *
CHM 152L	Principles of Chemistry II Lab
CHM 221	Organic Chemistry I
CHM 221L	Organic Chemistry I Lab
CHM 222	Organic Chemistry II
CHM 222L	Organic Chemistry II Lab
MA 132	Statistical Analysis *
PHYS 161	College Physics I *
	OR
PHYS 271	General Physics I *

PHYS 161L	College Physics I Lab OR
PHYS 271L	General Physics I Lab
PHYS 162	College Physics II *
PHYS 272	General Physics II *
PHYS 162L	College Physics II Lab OR
PHYS 272L	General Physics II Lab

Minor Recommended Courses

Recommended: 20 credits

BIO 161	Anatomy and Physiology I *
BIO 161L	Anatomy and Physiology I Lab
BIO 162	Anatomy and Physiology II *
BIO 162L	Anatomy and Physiology II Lab
BIO 260	Microbiology
BIO 260L	Microbiology Lab
BIO 262	Genetics for Majors *
BIO 262L	Genetics for Majors Lab
BIO 441	Biochemistry
BIO 441L	Biochemistry Lab

Biology (Minor)**Minor Requirements**

BIO 151	General Biology I *
BIO 152	General Biology II *

*Take with lab***Minor Required Courses**

Sixteen (16) additional credits in BIO courses numbered 300 and above.

Chemistry (Minor)

The minor in chemistry is a useful addition for students majoring in biology, health sciences, and social sciences, as well as students seeking a secondary education teaching licensure. Through this minor, students will be able to develop a comprehensive knowledge base in chemistry as well as develop laboratory skills.

The chemistry minor requires a total of 22 credits. A minimum grade of C- must be earned in all courses applied to the minor. Biochemistry majors are excluded from earning a minor in chemistry. At least two three-credit courses must be taken at Marymount University to satisfy the minor requirements.

Minor Requirements

CHM 151	Principles of Chemistry I *
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CHM 151L	Principles of Chemistry I Lab
CHM 152	Principles of Chemistry II *
CHM 152L	Principles of Chemistry II Lab
CHM 221	Organic Chemistry I
CHM 221L	Organic Chemistry I Lab
CHM 222	Organic Chemistry II
CHM 222L	Organic Chemistry II Lab

Six (6) credits from the following elective courses:

CHM 225	Environmental Chemistry
CHM 441	Physical Biochemistry
BIO 441	Biochemistry
BIO 442	Nucleic Acids and Metabolism

Physical Science (Minor)**Minor Requirements**

BIO 151	General Biology I *
BIO 152	General Biology II *
CHM 151	Principles of Chemistry I *
CHM 152	Principles of Chemistry II *
	OR
PHYS 271	General Physics I *
PHYS 272	General Physics II *

Take with lab

Twelve (12) additional credits from BIO or CHM courses numbered 300 and above.

Quantitative Science (Minor)

See quantitative science minor (p. 189) under interdisciplinary studies.

Criminal Justice

Marymount offers a Bachelor of Arts in criminal justice.

Internship Prerequisites: When other requirements are successfully completed in the senior year, the student is placed in an internship (CJ 400) for 140 or 280 hours (three or six credits). Prerequisites for the internship are a grade of C- or better in all required courses for the major, a minimum of 18 credits earned at Marymount, and permission from the internship coordinator. If the student cannot complete the prerequisites for the internship, the faculty retain the right to dismiss the student from the program.

Minimum Grade Requirement: A minimum grade of C- is required for all courses in the major.

Residency Requirement: Students must complete the internship and at least 18 credits in Marymount criminal justice courses, including CJ 304 and CJ 495.

Criminal Justice (B.A.)

The B.A. program is distinctive in its combined emphasis of introductory professional skills and theoretical foundations. Career preparation reinforced by commitment to lifelong learning and advanced education that extends beyond the baccalaureate level are central to the study of this demanding field of inquiry. Simulations and review of problem-solving methods from actual cases are used to enhance the student's understanding of lectures and materials. By examining decision-making processes, including policy analysis and the day-to-day practical operations of various components of the criminal justice system, participants learn to value and apply "theory to practice."

Exploration of traditional and contemporary models of crime prevention, criminal investigation, jurisprudence, punishment and rehabilitation, and organization and administrative theory help prepare graduates for eventual advancement to management positions in law enforcement, correctional, and court (probation and parole) agencies. Graduates of this rapidly developing field also find positions in corporate security firms and with government and private research agencies.

Upon successful completion of the criminal justice program, students will be able to

- demonstrate a working knowledge of criminal justice and how its component parts function;
- demonstrate skills in the use of research methods and statistics;
- demonstrate proficiency in written communication; and
- demonstrate an understanding of ethical issues and exhibit their application to social phenomena.

Degree Requirements — Criminal Justice

This degree requires 120 credits.

Liberal Arts Core and University Requirements

See University Requirements and the Liberal Arts Core (p. 59) for details.

Major Requirements

To fulfill the requirements of the major, all students in this program will take the following coursework in a sequence determined in collaboration with a faculty

advisor. Some courses also satisfy Liberal Arts Core and/or University Requirements. A minimum grade of C- is required for all courses in the major.

CJ 207	Juvenile Justice
CJ 209	The Criminal Justice System *
CJ 250	Deviant Behavior
CJ 304	Applied Research Methods *
CJ 305	Criminology *
CJ 312	Criminal Justice Management
CJ 400	Internship *
CJ 495	Senior Seminar *
SOC 131	Principles of Sociology in Global Perspective *

Five (5) courses from the following:

CJ 201	Principles of Forensic Science
CJ 202	Principles in Forensic Science II
CJ 205	Crime, Media, and Culture
CJ 302	Introduction to Counterintelligence and Terrorism
CJ 310	Policing in American Society
CJ 311	Correctional Institutions
CJ 313	Recognition and Recovery of Human Remains
CJ 320	Cybercrime and Digital Terrorism
LA 302	Criminal Litigation
PH 301	Social and Political Philosophy *
PSY 230	Abnormal Psychology *
PSY 332	Psychology of Addictions
SOC 222	Race and Ethnic Diversity *

Sample Degree Plan — Criminal Justice

Please note that this is a sample plan; all students must consult with an advisor in making course selections.

Year One — Fall

EN 101	Composition I *
TRS 100	Theological Inquiry *
DSC 101	DISCOVER First-Year Seminar *
CJ 209	The Criminal Justice System *
MA	Mathematics (MT) core course *

EN 101: WR core course

TRS 100: TRS-1 core course

Year One — Spring

EN 102	Composition II *
PSY 101	General Psychology *
	OR
PSY 110	Human Growth and Development *
SOC 131	Principles of Sociology in Global Perspective *
	Natural Science (NS) core course with lab *

	One (1) general elective
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EN 102: WR core course

Year Two — Fall

CJ 207	Juvenile Justice
CJ 250	Deviant Behavior
HI	Introductory History (HI-1) core course *
EN	Introductory Literature (LT-1) core course *
PH 100	Introduction to Philosophy *

PH 100: PH-1 core course

Year Two — Spring

CJ 305	Criminology *
PH	Advanced Philosophy (PH-2) or Philosophical Ethics (PH-E) core course *
POL 104	American Government *
ECO 210	OR Principles of Microeconomics *
ECO 211	OR Principles of Macroeconomics *
	OR Natural Science (NS) core course *
	One (1) general elective
	One (1) major elective

POL 104, ECO 210, ECO 211: SS-1 core course

Year Three — Fall

CJ 304	Applied Research Methods *
	Fine Arts (FNA), Advanced History (HI-2), or Advanced Literature (LT-2) core course (Advanced History recommended) *
	One (1) major elective
	Two (2) electives

Year Three — Spring

	Two (2) major electives
CJ 312	Criminal Justice Management
	One (1) elective
	Advanced Theology/Religious Studies (TRS-2) core course *
	OR Advanced Theology/Religious Studies (TRS-2) or Theological Ethics (TRS-E) core course *

Major elective: See Major Requirements above for course selections.

Year Four — Fall

CJ 495	Senior Seminar *
	Fine Arts (FNA), Advanced Literature (LT-2), or Advanced History (HI-2)

	core course *
	One (1) elective
	Two (2) major electives

Major elective: See Major Requirements above for course selections.

Year Four — Spring

CJ 400	Internship *
	Two (2) electives

Major elective: See Major Requirements above for course selections.

* Fulfills Liberal Arts Core/University Requirements. See University Requirements and the Liberal Arts Core (p. 59) and the Course Descriptions (p. 203) for further information.

Criminal Justice (B.A.) 3+3 Partnership with Catholic University Law School

Marymount has a direct-entry affiliation agreement with Catholic University's Columbus School of Law. This enables qualified third-year Marymount students in designated majors to be admitted to the first year of law school during their senior year at Marymount. Criminal justice students who are interested in direct entry to the Columbus School of Law after their junior year at Marymount should discuss the 3+3 partnership with their major advisor as soon as they become interested. The advisor will guide students through the selection of Marymount courses and refer them to the Office of Admissions of the Columbus School of Law as potential applicants. Qualified students may receive credit from both Marymount and Catholic University for a maximum of 29 credits taken at the Columbus School of Law. For more information and details on eligibility, please see Pre-Law Studies and Advising (p. 68).

Sample Degree Plan — Criminal Justice 3+3 Partnership with Catholic University Law School

Please note that this is a sample plan; all students must consult with an advisor in making course selections.

Year One — Fall

SOC 131	Principles of Sociology in Global Perspective *
EN 101	Composition I *
MA 132	Statistical Analysis *
TRS 100	Theological Inquiry *
DSC 101	DISCOVER First-Year Seminar *

EN 101: WR core course

MA 132: MT core course

TRS 100: TRS-1 core course

Year One — Spring

EN 102	Composition II *
PSY 101	General Psychology *
PSY 110	Human Growth and Development *
	Natural Science (NS) core course *
CJ 209	The Criminal Justice System *

EN 102: WR core course

PSY 101, PSY 110: SS-1 core course

Year Two — Fall

CJ 250	Deviant Behavior
HI	Introductory History (HI-1) core course *
EN	Introductory Literature (LT-1) core course *
PH 100	Introduction to Philosophy *
POL 104	American Government *
ECO 210	Principles of Microeconomics *
ECO 211	Principles of Macroeconomics *
	Natural Science (NS) core course *

PH 100: PH-1 core course

POL 104, ECO 210, ECO 211: SS-1 core course

Year Two — Spring

PH	Advanced Philosophy (PH-2) or Philosophical Ethics (PH-E) core course *
	One (1) elective
	One (1) major elective

Year Three — Fall

CJ 201	Principles of Forensic Science
CJ 310	Policing in American Society
CJ 304	Applied Research Methods *
	Advanced Theology/Religious Studies (TRS-2) or Theological Ethics (TRS-E) core course *
	One (1) elective

Year Three — Spring

CJ 312	Criminal Justice Management
	Fine Arts (FNA), Advanced Literature (LT-2), or Advanced History (HI-2) core course *
CJ 400	Internship *
	Fine Arts (FNA), Advanced Literature (LT-2), or Advanced History (HI-2) core course *

Year Four — Fall (classes to be completed at Columbus School of Law)

Criminal Law (substitute for LA 302 Criminal Litigation) **

Civil Procedure (yearlong course split over fall and spring — substitute for major elective) **

Lawyering Skills (yearlong course split over fall and spring — substitute for senior seminar)

Contracts (yearlong course split over fall and spring — substitute for major elective) **

** See Major Requirements above for course selections.

Year Four — Spring (classes to be completed at Columbus School of Law)

Contracts (yearlong course split over fall and spring)

Lawyering Skills (yearlong course split over fall and spring)

Civil Procedure (yearlong course split over fall and spring)

Property (substitute for major elective)

Torts (substitute for major elective)

Constitutional Law (substitute for elective)

* Fulfills Liberal Arts Core/University Requirements. See University Requirements and the Liberal Arts Core (p. 59) and the Course Descriptions (p. 203) for further information.

Forensic and Legal Psychology Scholars Program**Program Requirements**

This competitive program, open to first-time college students and to transfer/current students, guarantees admission into the university's forensic and legal psychology (M.A.) program to a select group of well-qualified students in psychology and criminal justice. These students, chosen by the Forensic and Legal Psychology Admissions Committee, must meet stringent acceptance and continuation requirements.

To be accepted into the program, a first-time student must have

- a minimum high school GPA of 3.3 (weighted and unweighted);
- SAT (Math & Critical Reading) score of 1170+ or ACT of 24+; and

- an essay addressing the applicant's interest in and commitment to the field of forensic and legal psychology (500-word minimum).

To be accepted into the program, a transfer/current student must have/submit

- a cumulative GPA of 3.5+ in all previous/existing undergraduate coursework;
- an average GPA of 3.5+ in previous/existing psychology and/or criminal justice coursework; and
- an essay addressing the applicant's interest in and commitment to the field of forensic and legal psychology (500-word minimum).

For current students, the application deadline is the end of the first semester of their junior year.

To continue in the program, a student must

- maintain a minimum undergraduate GPA of 3.5;
- complete PSY 302 Research Design or CJ 304 Applied Research Methods research project on a relevant topic (complete the Research and Internship Form);
- complete PSY 400 Internship or CJ 400 Internship at a relevant site (complete the Research and Internship Form);
- attend at least two Forensic and Legal Psychology Department events (e.g., career night, seminar speaker, appreciation dinner; complete the Events and Class Form);
- attend at least one meeting of one forensic and legal psychology M.A. course (complete the Events and Class Form); and
- receive a strong, positive recommendation from a faculty member in the student's major.

In addition to their major program requirements, criminal justice majors must complete (13 credits):

PSY 101	General Psychology *
PSY 105	General Psychology Laboratory
PSY 110	Human Growth and Development *
PSY 220	Social Psychology
PSY 326	Forensic Psychology

As part of their major program electives, criminal justice majors must complete (12 credits):

CJ 311	Correctional Institutions
PSY 220	Social Psychology
PSY 230	Abnormal Psychology *
PSY 332	Psychology of Addictions

By January 16th of the year in which the student intends to graduate with their bachelor's degree in psychology

or criminal justice, the following materials need to be submitted to the Forensic and Legal Psychology Scholars Program Coordinator:

- FLP MA Admissions Approval Form
- Research and Internship Form (including the research project)
- Events and Class Form
- Official undergraduate transcript
- Strong, positive letter of recommendation from a faculty member in the student's major
- Graduate Studies Application form

Criminal Justice (Minor)

Minor Requirements

Seven (7) courses from the following:

CJ 201	Principles of Forensic Science
CJ 205	Crime, Media, and Culture
CJ 207	Juvenile Justice
CJ 209	The Criminal Justice System *
CJ 250	Deviant Behavior
CJ 305	Criminology *
CJ 310	Policing in American Society
CJ 311	Correctional Institutions
CJ 312	Criminal Justice Management
CJ 320	Cybercrime and Digital Terrorism
SOC 131	Principles of Sociology in Global Perspective *
SOC 200	Law and Society in Global Perspective *
SOC 222	Race and Ethnic Diversity *

Forensic Computing (Minor)

The undergraduate minor is offered jointly by the School of Business and Technology and the School of Sciences, Mathematics, and Education. See the minor in forensic computing (p. 93) under information technology and cybersecurity in the School of Business and Technology.

Forensics and Criminal Investigations (Minor)

Minor Requirements

CJ 201	Principles of Forensic Science
CJ 202	Principles in Forensic Science II
CJ 313	Recognition and Recovery of Human Remains
CJ 314	Principles of Criminal Investigations
CJ 315	Current Issues in Forensics and Criminal Investigations
CJ 250	Deviant Behavior

CJ 305	Criminology *
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One (1) course from the following:

PSY 326	Forensic Psychology
IT 120	Cybersecurity Principles *
IT 370	Computer Forensics
CJ 313	Recognition and Recovery of Human Remains

Education

Marymount University's professional programs leading to teaching licensure are dedicated to the mission: preparing education leaders for diverse learning communities. The three tenets comprising the conceptual framework model that synergistically interact include critical thinker, effective practitioner, and caring professional. The foundation for our professional programs are knowledge of the learner and learning, content, instructional practice, and professional responsibility. All courses and experiences are designed to achieve this mission.

Upon successful completion of the teacher education program, students will be able to

- demonstrate knowledge of learner development, learning differences, and learning environments to help all learners meet high standards and reach their full potential;
- demonstrate a deep understanding of content and the ability to draw upon content knowledge to support learners in accessing information and applying information in real-world settings to assure mastery of content;
- plan for and implement a variety of instructional strategies and assessments in coordinated and engaging ways; and
- demonstrate leadership and collaboration by modeling ethical behavior and professional responsibility resulting in the highest levels of learner achievement.

Through a variety of programs, Marymount undergraduate students may earn Virginia licensure in elementary, secondary, and special education. Undergraduates major in elementary education, special education, or an appropriate content discipline and complete their teacher licensure program requirements as outlined. All programs are designed to prepare graduates to enter the job market as beginning professionals in their respective fields.

Students seeking teaching licensure reserve one semester for the student-teaching experience. This experience is a 14-week, full-time placement. Student teaching is the culmination of the Marymount teacher education program and reflects the degree to which a student will be effective as a classroom teacher. See complete information about application procedures.

All Marymount University teacher education programs are approved by the National Council for Accreditation of Teacher Education (NCATE), the Virginia Department of Education, and the Council for the Accreditation of Educator Preparation (CAEP). Program requirements are subject to revision based on changes in the licensure requirements set forth by the Commonwealth of Virginia.

Periodic Progress Review

Each semester, the education faculty meets to evaluate all students' academic progress and professional dispositions. The education faculty consider not only academic performance, but also personal characteristics that affect one's ability to be a teacher or administrator, such as valuing learning, diversity, and collaboration and demonstrating professionalism and personal integrity. If the faculty identifies a problem during the periodic review or evidence of personal difficulty that has the potential to negatively affect the student's capacity to function as a future teacher or administrator, the student will first be required to meet with his or her advisor. If needed, the student may be referred to the School of Sciences, Mathematics, and Education's Teacher Education Committee. Failure to meet academic and professional standards may result in dismissal from the Marymount University education program. If the faculty identifies an outstanding candidate during the periodic review, the faculty may decide to send a letter of commendation to the student to recognize outstanding achievement.

Undergraduate Programs in Education

Admission Requirements: In addition to universitywide admission requirements (p. 17), applicants to the undergraduate teaching licensure programs must fulfill the following to be considered for acceptance into the program:

- notify their major advisor of intent to pursue licensure during the student's freshman or sophomore year;
- complete ED 200 Foundations of Teaching and Learning during the student's sophomore year with a grade of C or better;

- have a minimum overall GPA of 2.5;
- have a minimum GPA of 3.0 in the major for secondary programs;
- submit an application for the teacher licensure program upon completion of ED 200;
- submit two references;
- submit an essay on a provided topic;
- submit a résumé; and
- present passing scores, as set by the Virginia Department of Education, for the following.
 - Praxis I Core Mathematics only (Praxis I Core Mathematics exam may be waived with sufficient composite SAT/ACT score. See an academic advisor for further information.)
 - Virginia Communication and Literacy Assessment (VCLA) (Passing scores are required in both reading and writing sections or composite score.)

No more than 12 education credits may be taken prior to acceptance into the teacher licensure program. Refer to the *Undergraduate Teacher Candidate Handbook*, available through the School of Sciences, Mathematics, and Education, for further information.

Legal Limitations of Practice: The practice of teaching is regulated by state laws. Questions concerning licensure in a specific state should be directed to that state's board of education. Students may be required to submit a national criminal background check before being placed in field experiences or as a student teacher. The student must pay the cost of the investigation.

Minimum Grade Requirements: For successful program completion, a minimum grade of C is necessary in all required professional studies (education) courses.

Transfer Policy: Transfer students must be enrolled in ED 200 before applying to the program.

Teaching Licensure Programs: The program of studies for each teaching licensure program is described in the major discipline section of this catalog. Students in the following programs will fulfill the curriculum requirements of the respective discipline — earning a degree in that field — and complete all professional studies requirements needed for Virginia licensure, including field experience and student teaching:

Art with K-12 Teaching Licensure (B.A. in art) — See art (p. 97) under School of Design, Arts, and Humanities for program requirements.

Biology with Secondary (grades 6-12) Teaching Licensure (B.S. or B.A. in biology) — See biology (p. 159) for program requirements.

Elementary Education (grades PK-6) Licensure (B.A. in elementary education) — See elementary education (p. 184) for program requirements.

English with Secondary (grades 6-12) Teaching Licensure (B.A. in English) — See English (p. 109) under School of Design, Arts, and Humanities for program requirements.

History/Social Science with Secondary (grades 6-12) Teaching Licensure (B.A. in history) — See history (p. 125) under School of Design, Arts, and Humanities for program requirements.

Mathematics with Secondary (grades 6-12) Teaching Licensure (B.S. in mathematics) — See mathematics (p. 189) for program requirements.

Special Education: General Curriculum, K-12 Teaching Licensure (B.A. in special education) — See special education (p. 186) for program requirements.

The Student-Teaching Experience

Individuals seeking licensure complete their program with a student-teaching experience. Students must pass all required licensure exams before applying to student teach. After that, students apply for student teaching at the beginning of the semester prior to their anticipated student-teaching experience. Students register for student teaching through Marymount University regardless of the geographic location of the placement site.

Student teachers are supervised by a university supervisor in the School of Sciences, Mathematics, and Education and by an on-site mentor teacher. Students should consult the *Marymount University Student Teaching Handbook* for full information on student teaching.

Placement is available in public schools in the greater Washington metropolitan area, the Diocese of Arlington, the Archdiocese of Washington, and in accredited private schools. Placement is made in conjunction with the local school districts and our Educational Clinical Experiences (ECE) office, and no particular placement can be guaranteed. The student is responsible for transportation to and from the cooperating school. While student teaching, all students

assume the role of guest in the host school and must abide by the policies and regulations of the host school.

Placement for student teaching is dependent upon the school's and faculty's judgment regarding the student's performance in both coursework and field placements.

Deadlines are set annually for student-teaching applications. Contact the Educational Clinical Experiences Office for exact deadlines. Passing scores must be attained for the Praxis II, Virginia Communication and Literacy Assessment (VCLA), and Reading for Virginia Educators (RVE) licensure exams before submitting an application. Please see an advisor for the required exams needed for a licensure area. Information and directions for application completion are available online and in the Educational Clinical Experiences Office.

Student Teaching Abroad

Students who would like to student teach abroad must contact the clinical experiences coordinator two semesters before they will apply to student teach. Placements are currently available in Europe, South America, and New Zealand for seven of the required 14 weeks. Tuition for student teaching abroad remains the same; however, student teachers are responsible for their own transportation, housing expenses, and any additional program fees.

Applying for Student Teaching

To be considered for placement, a student must fulfill the following requirements:

- gain full admission into the teacher licensure program;
- submit a student-teaching application packet (see deadlines previously noted);
- submit passing scores on the Virginia Communication and Literacy Assessment (VCLA);
- submit passing scores on the Praxis II exam (Specialty Area Test for secondary education and art education students; Content Knowledge for elementary education students);
- submit passing scores on the Reading for Virginia Educators (RVE) exam (for elementary education and special education students);
- complete all licensure and professional studies requirements;
- earn a minimum 2.5 GPA overall;
- earn a minimum 3.0 GPA in the major for secondary programs;

- earn a minimum 3.0 GPA in professional studies courses;
- gain the approval of the Undergraduate Teacher Licensure Advisory Board (UTLAB); and
- be endorsed by an education department faculty member to student teach based upon ability and dispositions.

Prior to beginning student-teaching placements, student teachers must clear a criminal background check as required by the local school division and must submit verification of current health insurance.

Elementary Education (PK-6) Teaching Licensure (B.A. in Elementary Education)

This program allows students to complete a baccalaureate degree in elementary education and also be licensed to teach grades PK-6. Students pursuing licensure in this manner complete all requirements necessary for Virginia licensure, including field experiences and student teaching, at the end of four years.

Admission Requirements: Students in this program must seek admission to the teacher licensure program and apply for student teaching. See the education section (p. 182) for admission requirements and procedures.

Degree Planning: Students in this program must take courses as specified to ensure fulfillment of state licensure requirements.

Also, course rotations vary, and not every course is available each semester. Individual advising is important to ensure students meet all major and teaching licensure requirements.

Minimum Grade Requirements: A grade of a C or better is required in professional studies courses. Professional studies courses are those associated with teacher preparation. An overall 2.5 GPA is required.

Degree Requirements — Elementary Education Teaching Licensure (B.A. in Elementary Education)

This degree requires 120 credits.

Liberal Arts Core and University Requirements

See University Requirements and the Liberal Arts Core (p. 59) for details.

Major Requirements

To fulfill the requirements of the major, all students in this program will take the following coursework in a

sequence determined in collaboration with a faculty advisor. Some courses also satisfy Liberal Arts Core and/or University Requirements. Some coursework fulfills teaching licensure requirements as specified by the Commonwealth of Virginia.

Take all of the following:

BIO 120	Introduction to the Biological World *
BIO 120L	Introduction to the Biological World Lab
ED 200	Foundations of Teaching and Learning
ED 254	Technology for the K-12 Classroom
ED 301	Foundation of Literacy Development *
ED 329	Collaborative Models for Special Education
ED 351	Assessment to Support Learning in K-12
ED 355	Literacy Instruction for Diversity Learners: PK-2
ED 356	Literacy Instruction for Diverse Learners: Grades 3-6
ED 357	Teaching Social Studies and Visual Arts *
ED 358	Teaching Mathematics and Science
ED 452	Managing the K-12 Classroom
ED 460E	Student Teaching: PK-6 *
EN 301	The Writing Process: Theory and Practice *
GEO 201	Introduction to Geography
HI 110	History of the United States to 1877 *
HI 111	History of the United States since 1877 *
HI 114	Introduction to World History *
MA 121	Math for Liberal Arts *
MA 124	History of Mathematics *
MA 127	Applied Geometry *
MDS 480	Senior Seminar *
	Natural Science (NS) core course *
POL 104	American Government *
PSY 110	Human Growth and Development *
PSY 341	Psychology of Individuals with Exceptionalities *

ED 452 and ED 460E must be taken at the same time.

Sample Degree Plan — Elementary Education with Teaching Licensure

Please note that this is a sample plan; all students must consult with an advisor in making course selections.

Year One — Fall

DSC 101	DISCOVER First-Year Seminar *
EN 101	Composition I *
MA 121	Math for Liberal Arts *
POL 104	American Government *
TRS 100	Theological Inquiry *

EN 101: WR core course

MA 121: MT core course

POL 104: SS-1 core course

TRS 100: TRS-1 core course

Year One — Spring

EN 102	Composition II *
HI 114	Introduction to World History *
MA 124	History of Mathematics *
	Natural Science (NS) core course *
PSY 110	Human Growth and Development *

EN 102: WR core course

HI 114: HI-1 core course

PSY 110: SS-1 core course

Year Two — Fall

ED 200	Foundations of Teaching and Learning
ED 254	Technology for the K-12 Classroom
MA 127	Applied Geometry *
PH 100	Introduction to Philosophy *
EN	Introductory Literature (LT-1) core course *

PH 100: PH-1 core course

Year Two — Spring

BIO 120	Introduction to the Biological World *
BIO 120L	Introduction to the Biological World Lab
ED 301	Foundation of Literacy Development *
GEO 201	Introduction to Geography
HI 110	History of the United States to 1877 *
TRS 201	Understanding Religion *
	OR
TRS 202	Religions of the World *

BIO 120: NS core course

Year Three — Fall

ED 355	Literacy Instruction for Diversity Learners: PK-2
EN 301	The Writing Process: Theory and Practice *
HI 111	History of the United States since 1877 *
PSY 341	Psychology of Individuals with Exceptionalities *
	Fine Arts (FNA), Advanced Literature (LT-2), or Advanced History (HI-2) core course *

PSY 341: SS-2 core course

Year Three — Spring

ED 329	Collaborative Models for Special Education
ED 356	Literacy Instruction for Diverse Learners: Grades 3-6
ED 358	Teaching Mathematics and Science
EN 351	Literature of Childhood and Adolescence *
	One (1) elective

Year Four — Fall

ED 351	Assessment to Support Learning in K-12
ED 357	Teaching Social Studies and Visual Arts *
MDS 480	Senior Seminar *
	Philosophical Ethics (PH-E) core course *
	One (1) elective

Year Four — Spring

ED 452	Managing the K-12 Classroom
ED 460E	Student Teaching: PK-6 *
	One (1) elective

* Fulfills Liberal Arts Core/University Requirements. See University Requirements and the Liberal Arts Core (p. 59) and the Course Descriptions (p. 203) for further information.

Special Education (K-12) Teaching Licensure (B.A. in Special Education)

This program of study allows students to complete a baccalaureate degree in special education and also be licensed to teach special education, general curriculum, in grades K-12 at the end of four years. Students pursuing licensure in this manner complete all requirements necessary for Virginia licensure, including field experience and student teaching, at the end of four years.

Admission Requirements: Students in this program must seek admission to the teacher licensure program and apply for student teaching. See the education section (p. 182) for admission requirements and procedures.

Degree Planning: Students in this program must take courses as specified to ensure fulfillment of state licensure requirements.

Also, course rotations vary, and not every course is available each semester. Course rotations are specified in the Course Descriptions (p. 203). Individual advising is important to ensure students meet all major and teaching licensure requirements.

Minimum Grade Requirements: A grade of a C or better is required in professional studies courses. Professional studies courses are those associated with teacher preparation. An overall 2.5 GPA is required.

Degree Requirements — Special Education Teaching Licensure (B.A. in Special Education)

This degree requires 120 credits.

Liberal Arts Core and University Requirements

See University Requirements and the Liberal Arts Core (p. 59) for details.

Major Requirements

To fulfill the requirements of the major, all students in this program will take the following coursework in a sequence determined in collaboration with a faculty advisor. Some courses also satisfy Liberal Arts Core and/or University Requirements. Some coursework fulfills teaching licensure requirements as specified by the Commonwealth of Virginia.

ED 200	Foundations of Teaching and Learning
ED 254	Technology for the K-12 Classroom
ED 323	Literacy Instruction: Diagnosis and Corrective Strategies
ED 329	Collaborative Models for Special Education
ED 339	Individualized Education Programs and Strategies for the General Curriculum
ED 345	Transition, Family, and Community Services for Individuals with Disabilities
ED 351	Assessment to Support Learning in K-12
ED 355	Literacy Instruction for Diversity Learners: PK-2
ED 358	Teaching Mathematics and Science
ED 366	Secondary Teaching Methods in Science
ED 367	OR Secondary Teaching Methods in History and Social Science
ED 368	OR Secondary Teaching Methods in English
ED 369	OR Secondary Teaching Methods in Mathematics
ED 449	Strategies for Behavior Management for the Special Educator
ED 460SE	Student Teaching: Special Education *
EN 301	The Writing Process: Theory and Practice *
MDS 480	Senior Seminar *
PSY 110	Human Growth and Development *
PSY 341	Psychology of Individuals with Exceptionalities *

ED 449 and ED 460 SE must be taken at the same time.

Nine (9) credits in one of the following: biology, English, history, or mathematics, with at least one (1) class at the 300+ level.

Sample Degree Plan — Special Education Teaching Licensure (B.A. in Special Education)

Please note that this is a sample plan; all students must consult with an advisor in making course selections.

Year One — Fall

DSC 101	DISCOVER First-Year Seminar *
EN 101	Composition I *
HI	Introductory History (HI-1) core course *
	Introductory Social Science (SS-1) core course *
TRS 100	Theological Inquiry *

EN 101: WR core course

TRS 100: TRS-1 core course

Year One — Spring

BIO 120	Introduction to the Biological World *
BIO 120L	Introduction to the Biological World Lab
EN 102	Composition II *
PH 100	Introduction to Philosophy *
PSY 110	Human Growth and Development *
	One (1) elective

EN 102: WR core course

PH 100: PH-1 core course

PSY 110: SS-1 core course

Year Two — Fall

ED 200	Foundations of Teaching and Learning
ED 254	Technology for the K-12 Classroom
EN 225	Literary Superheroes *
EN 227	OR Short Fiction *
MA 127	Applied Geometry *
	One (1) content area course

Content area courses will be chosen from biology, English, history, or mathematics.

MA 127: MT core course

Year Two — Spring

EN 301	The Writing Process: Theory and Practice *
PSY 341	Psychology of Individuals with Exceptionalities *
TRS 201	Understanding Religion *
TRS 202	OR Religions of the World *
	Fine Arts (FNA) or Advanced History (HI-2) core course *
	Introductory Social Science (SS-1) or Natural Science (NS) core course *
	One (1) content area course

Content area courses will be chosen from biology, English, history, or mathematics.

PSY 341: SS-2 core course

TRS 201 or TRS 202: TRS-2 core course

Year Three — Fall

ED 345	Transition, Family, and Community Services for Individuals with Disabilities
ED 351	Assessment to Support Learning in K-12
ED 355	Literacy Instruction for Diversity Learners: PK-2
	Advanced Literature (LT-2) core course *
	One (1) elective

Content area courses will be chosen from biology, English, history, or mathematics.

Year Three — Spring

ED 323	Literacy Instruction: Diagnosis and Corrective Strategies
ED 329	Collaborative Models for Special Education
ED 358	Teaching Mathematics and Science
	One (1) content area course

Year Four — Fall

ED 339	Individualized Education Programs and Strategies for the General Curriculum
ED 366	Secondary Teaching Methods in Science
ED 367	OR Secondary Teaching Methods in History and Social Science
ED 368	OR Secondary Teaching Methods in English
ED 369	OR Secondary Teaching Methods in Mathematics
MDS 480	Senior Seminar *
	Philosophical Ethics (PH-E) core course *
	One (1) elective

Year Four — Spring

ED 449	Strategies for Behavior Management for the Special Educator
ED 460SE	Student Teaching: Special Education *
	One (1) elective

* Fulfills Liberal Arts Core/University Requirements. See University Requirements and the Liberal Arts Core (p. 59) and the Course Descriptions (p. 203) for further information.

Education (Minor)

This minor is open to students in any major. It is geared toward students who are interested in the teaching profession but who may or may not be working toward Virginia teaching licensure. Completion of the minor prepares students to work in a preschool setting, Catholic schools, other independent schools, or in industry training. This minor can be the basis for a licensure program, but completion of the minor is not a licensure program.

Minor Requirements

ED 200	Foundations of Teaching and Learning
ED 351	Assessment to Support Learning in K-12
PSY 110	Human Growth and Development *
PSY 341	Psychology of Individuals with Exceptionalities *

Two of the following:

ED 254	Technology for the K-12 Classroom
ED 301	Foundation of Literacy Development *
ED 337	Literacy in the Content Areas
ED 338	Secondary Education: Curriculum and Methods
ED 355	Literacy Instruction for Diversity Learners: PK-2
ED 356	Literacy Instruction for Diverse Learners: Grades 3-6

Please see an education advisor for further information.

Interdisciplinary Studies**Gender and Society (Minor)**

See gender and society minor (p. 129) under interdisciplinary studies in the School of Design, Arts, and Humanities.

International Studies (Minor)

See international studies minor (p. 129) under interdisciplinary studies in the School of Design, Arts, and Humanities.

Public Health (Minor)

See public health minor (p. 152) under interdisciplinary studies in the Malek School of Health Professions.

Quantitative Science (Minor)

The quantitative science minor is intended to prepare mathematics, biology, and biochemistry majors to join the increasingly integrated community of physicists, chemists, computer scientists, engineers, and mathematicians who are working together to tackle a broad range of scientific and societal problems. The truly integrative minor is intended to improve MCAT performance for our medical-school-bound students; to prepare science majors for careers that require increased quantitative skills, such as careers within the pharmaceutical industry or in computer-enhanced labs; and to increase career horizons for mathematics majors through this training in the application and communication of mathematics to important problems in our world.

Minor Requirements

IS 233	Introduction to Quantitative Science
MA 218	Probability and Statistics *
MA 325	Differential Equations *
MA 230	Scientific Computing OR
MA 418	Stochastic Modeling
BIO 151	General Biology I *
BIO 151L	General Biology I Lab *
BIO 262	Genetics for Majors *
BIO 262L	Genetics for Majors Lab
BIO 363	Cellular Biology
CHM 125	Life Chemistry *
	OR
CHM 222	Organic Chemistry II
CHM 441	Physical Biochemistry

Note that CHM 125 is the recommended path for non-science majors.

Social Entrepreneurship (Minor)

See social entrepreneurship minor (p. 95) under interdisciplinary studies in the School of Business and Technology.

Sustainability (Minor)

See sustainability minor (p. 96) under interdisciplinary studies in the School of Business and Technology.

Mathematics**Mathematics (B.S.)**

The study of mathematics introduces students to mathematical abstraction as well as how mathematics can be used to solve practical problems. Many courses in this discipline provide the basic foundations necessary to support study in all majors. Whenever possible, mathematics courses introduce concepts using applications, analytical solutions (equation solving), numerical approximations, and graphical interpretations.

The mathematics major requirements fall into four categories:

- Foundation courses, offered each semester, are prerequisites for subsequent courses.
- Introduction-to-proof courses, offered on a rotating basis, give students a more clear idea of pure mathematics.
- Applied or computational mathematics courses, offered on a rotating basis, encourage students to use mathematics to solve, or elucidate, real-world problems.

- High-level proof courses, offered on a rotating basis, push students to understand mathematics in a deeper, more abstract way.

A special feature of Marymount's mathematics program is the fall seminar series. Faculty members and students meet for one hour each week to hear presentations by professional mathematicians about their career paths. Students also give short presentations on mathematical topics of interest.

Beyond regular coursework, several faculty members have collaborated with students on joint research projects, most notably in mathematics education and in computational biology. Faculty and students regularly present their research findings at national conferences.

Upon successful completion of the mathematics program, students will be able to

- gather, evaluate, and use relevant mathematical definitions and results to create logical, grammatically correct proofs;
- connect mathematical ideas to real-world applications, including the creation and interpretation of mathematical models;
- communicate mathematical ideas through oral and written presentations;
- use a variety of technologies to solve mathematical problems;
- articulate career, internship, and summer program opportunities for mathematicians; and
- pose, research, and address new mathematical questions.

Marymount's mathematics program prepares students for immediate careers in the field as well as for graduate study. Computation and modeling are intentionally infused into the major so students are ready for jobs that require strong technical abilities. Marymount mathematics majors can also earn licensure to teach middle school or high school mathematics.

After meeting the Liberal Arts Core and University Requirements, mathematics majors have 21 to 26 elective credit hours. Students are encouraged to apply those credits toward other options such as teaching licensure in secondary mathematics or a minor or second major in biology, economics, or information technology. Mathematics majors are also eligible to participate in the five-year B.S./M.S. in information technology program. (See B.S./M.S. program on p. 90 for further information.)

Degree Planning: Note that course rotations vary, and not every course is available each semester. Course rotations are specified in the Course Descriptions (p. 203) of this catalog. Individual advising is important to ensure students fulfill major requirements and schedule additional coursework that meets career objectives.

Minimum Grade Requirements: A minimum grade of C is required in any course that serves as a prerequisite for a higher-numbered course.

Degree Requirements — Mathematics

This degree requires a total of 120 credits.

Liberal Arts Core and University Requirements

See University Requirements and the Liberal Arts Core (p. 59) for details. Mathematics majors will satisfy the three-course university Writing Intensive (WI) requirement in the following way: MA 420 Abstract Algebra, MA 425 Introduction to Real Analysis, and one additional WI course from the Liberal Arts Core or as a university elective.

Major Requirements

To fulfill the requirements of the major, all students in this program will take the following coursework in a sequence determined in collaboration with a faculty advisor. Some courses also satisfy Liberal Arts Core and/or University Requirements.

IT 130	Java Programming
MA 181	Calculus *
MA 171	OR
MA 172	Calculus with Precalculus A *
MA 200	AND
MA 210	Calculus with Precalculus B
MA 215	Calculus of the Infinite *
MA 218	Seminar with Introduction to Proofs through Discrete Math
MA 221	Linear Algebra and Proof Techniques
MA 230	Probability and Statistics *
MA 257	Multivariable Calculus
MA 309	Scientific Computing
MA 325	Introduction to Number Theory and Proof Techniques *
MA 400	Mathematics Seminar
MA 433	Differential Equations *
MA 409	OR
MA 418	Research *
MA 420	Mathematics Seminar
	Stochastic Modeling
	Abstract Algebra *

MA 425	Introduction to Real Analysis *
PHYS 271	General Physics I *
PHYS 271L	General Physics I Lab AND
PHYS 272	General Physics II *
PHYS 272L	General Physics II Lab OR
BIO 151	General Biology I *
BIO 151L	General Biology I Lab *
BIO 262	Genetics for Majors *
BIO 262L	Genetics for Majors Lab

MA 181, MA 200: Students may complete either MA 181 or the MA 171 and MA 172 sequence, which is the equivalent of MA 181, during the first year. Also, MA 181 and MA 200 can be waived with appropriate AP credit. Students should take noted courses in a sequence specified by an advisor and, upon successful completion, may not subsequently register for a lower-numbered course in the calculus sequence.

MA 210, MA 309, MA 409: Transfer students or new majors who join the program after the fall semester of their sophomore year will take mathematics seminar classes every fall semester, starting with MA 210. Such students may need to make up the credit hours to meet the 120-credit minimum requirement toward graduation.

Sample Degree Plan — Mathematics

Please note that this is a sample plan; all students must consult with an advisor in making course selections.

Year One — Fall

DSC 101	DISCOVER First-Year Seminar *
EN 101	Composition I *
MA 181	Calculus *
	Introductory Social Science (SS-1) core course *
	One (1) elective

EN 101: WR core course

MA 181: (MT core course) Not all students should begin with MA 181. Follow placement recommendations and advisor guidance in course selection.

Year One — Spring

EN 102	Composition II *
IT 130	Java Programming
MA 200	Calculus of the Infinite *
MA 218	Probability and Statistics *
TRS 100	Theological Inquiry *

EN 102: WR core course

TRS 100: TRS-1 core course

Year Two — Fall

MA 210	Seminar with Introduction to Proofs through Discrete Math
PHYS 271	General Physics I *
PHYS 271L	General Physics I Lab OR
BIO 151	General Biology I *
BIO 151L	General Biology I Lab *
EN	Introductory Literature (LT-1) core course *
HI	Introductory History (HI-1) core course *

PHYS 271, BIO 151: NS core course

Year Two — Spring

MA 215	Linear Algebra and Proof Techniques
MA 221	Multivariable Calculus
PHYS 272	General Physics II *
PHYS 272L	General Physics II Lab OR
BIO 262	Genetics for Majors *
BIO 262L	Genetics for Majors Lab
	Introductory Social Science (SS-1) core course *
	One (1) elective

PHYS 272, BIO 262: NS core course

Year Three — Fall

MA 230	Scientific Computing
MA 309	Mathematics Seminar
MA 425	Introduction to Real Analysis *
	Fine Arts (FNA), Advanced Literature (LT-2), or Advanced History (HI-2) core course *
PH 100	Introduction to Philosophy *
	One (1) elective

PH 100: PH-1 core course

Year Three — Spring

MA 257	Introduction to Number Theory and Proof Techniques *
MA 418	Stochastic Modeling
	Advanced Theology/Religious Studies (TRS-2) or Theological Ethics (TRS-E) core course *
	Two (2) electives

Year Four — Fall

MA 325	Differential Equations *
MA 400	Internship *
MA 409	Mathematics Seminar
MA 420	Abstract Algebra *
	Advanced Social Science (SS-2) core course *

Year Four — Spring

	Fine Arts (FNA), Advanced Literature (LT-2), or Advanced History (HI-2) core course *
PH	Advanced Philosophy (PH-2) or Philosophical Ethics (PH-E) core course *
	Two (2) electives

* Fulfills Liberal Arts Core/University Requirements. See University Requirements and the Liberal Arts Core (p. 59) and the Course Descriptions (p. 203) for further information.

Mathematics with Secondary Teaching Licensure (B.S. in Mathematics)

This program of study allows students to complete a baccalaureate degree in mathematics and also be licensed to teach secondary mathematics at the end of four years. Students pursuing licensure in this manner complete all requirements necessary for Virginia licensure, including field experience and student teaching.

After meeting the Liberal Arts Core and University Requirements, mathematics majors seeking teaching licensure have two to five elective credit hours.

Admission Requirements: Students in this program must seek admission to the teacher licensure program and apply for student teaching. See the education section (p. 182) for admission requirements and procedures.

Degree Planning: Students in this program must take courses as specified to ensure fulfillment of state licensure requirements. In addition to working with a mathematics advisor, students must see an education advisor in the School of Sciences, Mathematics, and Education for further assistance in degree planning.

Also, course rotations vary, and not every course is available each semester. Course rotations are specified in the Course Descriptions (p. 203) of this catalog. Individual advising is important to ensure students meet all major and teaching licensure requirements.

Minimum Grade Requirements: Students must maintain a 3.0 grade point average in their major. A grade of a C or better is required in professional studies courses. Professional studies courses are those associated with teacher preparation. An overall 2.5 GPA is required.

Degree Requirements — Mathematics with Secondary Teaching Licensure (B.S. in Mathematics)

This degree requires a total of 120 credits.

Liberal Arts Core and University Requirements

See University Requirements and the Liberal Arts Core (p. 59) for details. Students will satisfy the three-course university Writing Intensive (WI) requirement in the following way: MA 420 Abstract Algebra, MA 425 Introduction to Real Analysis, and one additional WI course from the Liberal Arts Core or as a university elective.

Major Requirements

To fulfill the requirements of the major, all students in this program will take the following coursework in a sequence determined in collaboration with a faculty advisor. Some courses also satisfy Liberal Arts Core and/or University Requirements. Some coursework fulfills teaching licensure requirements as specified by the Commonwealth of Virginia.

ED 200	Foundations of Teaching and Learning
ED 254	Technology for the K-12 Classroom
ED 337	Literacy in the Content Areas
ED 338	Secondary Education: Curriculum and Methods
ED 351	Assessment to Support Learning in K-12
ED 369	Secondary Teaching Methods in Mathematics
ED 452	Managing the K-12 Classroom
ED 460S	Student Teaching: Secondary Level *
MA 124	History of Mathematics *
MA 181	Calculus *
	OR
MA 171	Calculus with Precalculus A *
	AND
MA 172	Calculus with Precalculus B
MA 200	Calculus of the Infinite *
MA 210	Seminar with Introduction to Proofs through Discrete Math
MA 215	Linear Algebra and Proof Techniques
MA 218	Probability and Statistics *
MA 221	Multivariable Calculus
MA 230	Scientific Computing
MA 257	Introduction to Number Theory and Proof Techniques *
MA 309	Mathematics Seminar
MA 325	Differential Equations *
MA 409	Mathematics Seminar
MA 420	Abstract Algebra *
MA 425	Introduction to Real Analysis *

MA 427	Euclidean and Non-Euclidean Geometries
PHYS 271	General Physics I *
PHYS 271L	General Physics I Lab
PHYS 272	General Physics II *
PHYS 272L	General Physics II Lab
PSY 110	Human Growth and Development *
PSY 341	Psychology of Individuals with Exceptionalities *

ED 452 and ED 460S must be taken at the same time.

MA 181, MA 200: Students may complete either MA 181 or the MA 171 and MA 172 sequence, which is the equivalent of MA 181, during the first year. Also, MA 181 and MA 200 can be waived with appropriate AP credit. Students should take noted courses in a sequence specified by an advisor and, upon successful completion, may not subsequently register for a lower-numbered course in the calculus sequence.

MA 210, MA 309, MA 409: Transfer students or new majors who join the program after their sophomore year will take mathematics seminar classes every fall semester, starting with MA 210. Such students may need to make up the credit hours to meet the 120-credit minimum requirement toward graduation.

PHYS 271L: Requirement for the major and/or teaching licensure. Fulfills Liberal Arts Core/University Requirements. See University Requirements and the Liberal Arts Core (p. 59) and Course Descriptions (p. 203) for further information.

Sample Degree Plan — Mathematics with Secondary Teaching Licensure (B.S. in Mathematics)

Please note that this is a sample plan; all students must consult with an advisor in making course selections.

Year One — Fall

MA 181	Calculus *
EN 101	Composition I *
	Introductory Social Science (SS-1) core course *
TRS 100	Theological Inquiry *
DSC 101	DISCOVER First-Year Seminar *

MA 181: (MT core course) Not all students should begin with MA 181. Follow placement recommendations and advisor guidance in course selection.

EN 101: WR core course

TRS 100: TRS-1 core course

Year One — Spring

MA 200	Calculus of the Infinite *
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MA 218	Probability and Statistics *
EN 102	Composition II *
PH 100	Introduction to Philosophy *
PSY 110	Human Growth and Development *

EN 102: WR core course

PH 100: PH-1 core course

PSY 110: SS-1 core course

Year Two — Fall

ED 200	Foundations of Teaching and Learning
MA 210	Seminar with Introduction to Proofs through Discrete Math
PHYS 271	General Physics I *
PHYS 271L	General Physics I Lab
EN	Introductory Literature (LT-1) core course *
	Advanced Theology/Religious Studies (TRS-2) or Theological Ethics (TRS-E) core course *

PHYS 271: NS core course

Year Two — Spring

ED 254	Technology for the K-12 Classroom
MA 215	Linear Algebra and Proof Techniques
MA 221	Multivariable Calculus
PHYS 272	General Physics II *
PHYS 272L	General Physics II Lab
PSY 341	Psychology of Individuals with Exceptionalities *

PHYS 272: NS core course

PSY 341: SS-2 core course

Year Three — Fall

ED 338	Secondary Education: Curriculum and Methods
MA 230	Scientific Computing
MA 309	Mathematics Seminar
MA 425	Introduction to Real Analysis *
HI	Introductory History (HI-1) core course *
	One (1) elective

Year Three — Spring

ED 337	Literacy in the Content Areas
ED 351	Assessment to Support Learning in K-12
MA 257	Introduction to Number Theory and Proof Techniques *
MA 427	Euclidean and Non-Euclidean Geometries
	Fine Arts (FNA), Advanced Literature (LT-2), or Advanced History (HI-2) core course *

Year Four — Fall

ED 369	Secondary Teaching Methods in Mathematics
MA 325	Differential Equations *
MA 409	Mathematics Seminar
MA 420	Abstract Algebra *
	Fine Arts (FNA), Advanced Literature (LT-2), or Advanced History (HI-2) core course *

Year Four — Spring

ED 452	Managing the K-12 Classroom
ED 460S	Student Teaching: Secondary Level *
MA 124	History of Mathematics *
PH	Advanced Philosophy (PH-2) or Philosophical Ethics (PH-E) core course *

* Fulfills Liberal Arts Core/University Requirements. See University Requirements and the Liberal Arts Core (p. 59) and the Course Descriptions (p. 203) for further information.

Mathematics (Minor)**Minor Requirements**

MA 181	Calculus *
	OR
MA 171	Calculus with Precalculus A *
MA 172	Calculus with Precalculus B
MA 218	Probability and Statistics *

Minor Elective Courses

At least nine (9) additional credits from MA courses numbered 200 or above, including one (1) seminar course (MA 210 Seminar with Introduction to Proofs through Discrete Math or MA 309 Mathematics Seminar).

Two suggested tracks include the following:

Proofs-Focused Track

MA 215	Linear Algebra and Proof Techniques
	OR
MA 257	Introduction to Number Theory and Proof Techniques *
MA 420	Abstract Algebra *
	OR
MA 425	Introduction to Real Analysis *

Applications-Focused Track

MA 230	Scientific Computing
MA 325	Differential Equations *
MA 418	Stochastic Modeling

Quantitative Science (Minor)

See quantitative science minor (p. 189) in interdisciplinary studies.

Psychology**Psychology (B.A.)**

The psychology degree consists of a core of required courses plus completion of coursework chosen by students to reflect their interests, career aspirations, or graduate study ambitions.

Students take courses that emphasize effective scientific reasoning (construction of knowledge), critical thinking (analysis of knowledge), communication (transmission of knowledge), and transfer (application of knowledge).

Students earning an undergraduate degree in psychology will gain the knowledge and skills necessary for entry-level professional responsibilities in a variety of community, business, government, and educational settings. Examples include public relations, athletic training, college student services, human resources, public health services, family and child services, crisis counseling centers, substance abuse treatment, and community corrections.

The psychology degree also prepares students for graduate study in psychology, counseling, and related fields. Marymount offers graduate programs in counseling and forensic and legal psychology, and more information about these programs can be found in the university's *Graduate Catalog*.

Upon successful completion of the psychology program, students will be able to

- demonstrate critical evaluation of a psychological topic through effective writing;
- apply psychological research methodologies and statistical techniques to a research question;
- apply specialized psychological knowledge in a professional setting; and
- demonstrate effective presentation skills within the discipline.

Internship Prerequisites: When other requirements are successfully completed in the senior year, the student

brings closure to the program with an internship (PSY 400). Prerequisites for the internship are a cumulative grade point average of 2.0 or better, a grade of C- or better in all courses required in the major, senior academic standing, a minimum of 12 credits earned at Marymount, and completion of the required prerequisite courses.

Minimum Grade Requirement: A minimum grade of C- is required for all courses in the major.

Degree Requirements — Psychology

This degree requires a total of 120 credits.

Liberal Arts Core and University Requirements

See University Requirements and the Liberal Arts Core (p. 59) for details.

Major Requirements

To fulfill the requirements of the major, all students in this program will take the following coursework in a sequence determined in collaboration with a faculty advisor. Some courses also satisfy Liberal Arts Core and/or University Requirements.

PSY 101	General Psychology *
PSY 105	General Psychology Laboratory
PSY 110	Human Growth and Development *
PSY 200	Careers in Psychology OR
CCS 399	Career Strategies and Success
PSY 201	Statistics for the Social Sciences
PSY 220	Social Psychology
PSY 230	Abnormal Psychology *
PSY 240	OR
PSY 250	Personality Theories
PSY 260	Biological Bases of Behavior
PSY 260	Learning and Cognition *
PSY 302	Research Design for Psychology *
	Three (3) 300/400-level psychology electives, one must be a Writing- Intensive (WI) course
PSY 400	Internship *
PSY 405	OR
	General Psychology Laboratory Instructor Practicum *
PSY 497	Senior Seminar *

Sample Degree Plan — Psychology

Please note that this is a sample plan; all students must consult with an advisor in making course selections.

Year One — Fall

PSY 101	General Psychology *
PSY 105	General Psychology Laboratory
HI	Introductory History (HI-1) core course *
EN 101	Composition I *
	Introductory Social Science (SS-1) core course (economics, politics, or sociology) *
DSC 101	DISCOVER First-Year Seminar *

PSY 101: SS-1 core course

EN 101: WR core course

Year One — Spring

PSY 110	Human Growth and Development *
MA	Mathematics (MT) core course *
EN 102	Composition II *
TRS 100	Theological Inquiry *
	One (1) elective

EN 102: WR core course

TRS 100: TRS-1 core course

Year Two — Fall

PSY 201	Statistics for the Social Sciences
PSY 220	Social Psychology
PSY 250	Biological Bases of Behavior
	Natural Science (NS) core course with lab (biology recommended) *
PH 100	Introduction to Philosophy *
	One (1) elective

PH 100: PH-1 core course

Year Two — Spring

PSY 200	Careers in Psychology OR
CCS 399	Career Strategies and Success
PSY 230	Abnormal Psychology *
PSY 240	OR
PSY 260	Personality Theories
PSY 260	Learning and Cognition *
EN	Introductory Literature (LT-1) core course *
	Introductory Social Science (SS-1) or Natural Science (NS) core course *
	One (1) elective

PSY 260: DSINQ core course

Year Three — Fall

PSY 302	Research Design for Psychology *
	One (1) 300/400-level psychology course, possibly WI
PH	Advanced Philosophy (PH-2) or Philosophical Ethics (PH-E) core course *

	Fine Arts (FNA), Advanced Literature (LT-2), or Advanced History (HI-2) core course *
	One (1) elective

PSY 302: DSINQ core course

Year Three — Spring

	One (1) 300/400-level psychology course, possibly WI
	Advanced Theology/Religious Studies (TRS-2) or Theological Ethics (TRS-E) core course *
	Fine Arts (FNA), Advanced Literature (LT-2), or Advanced History (HI-2) core course *
	Two (2) electives

Year Four — Fall

PSY 497	Senior Seminar *
	OR
PSY 400	Internship *
	One (1) 300/400-level psychology course
	Three (3) electives

PSY 497: DSINQ core course

Year Four — Spring

PSY 400	Internship *
	OR
PSY 497	Senior Seminar *
	Two (2) electives

* Fulfills Liberal Arts Core/University Requirements. See University Requirements and the Liberal Arts Core (p. 59) and the Course Descriptions (p. 203) for further information.

B.A. in Psychology to M.B.A. Program

This pre-M.B.A. program allows advanced psychology students to begin to pursue their M.B.A. degree while completing their undergraduate program. If students begin their graduate coursework while completing their undergraduate programs, they could earn their undergraduate and graduate degrees at an accelerated rate.

Psychology students can supplement their undergraduate coursework with up to six credits of specified M.B.A. graduate courses. The M.B.A. courses would satisfy both graduate and undergraduate program requirements.

Students would be allowed to enroll in up to four graduate-level M.B.A. courses while completing

undergraduate coursework; however, only two of those courses (six credits) would be eligible for application to the undergraduate degree. If students opt to take an additional two courses at the graduate level while completing the undergraduate degree, these courses would only apply to the graduate program requirements. All four graduate courses would satisfy M.B.A. program requirements.

Admission Requirements

In addition to meeting the universitywide undergraduate admission requirements, students are permitted to submit an application and, if approved, take graduate M.B.A. courses if they have

- at least 60 credits but no more than 90 credits and
- a minimum cumulative GPA of 3.4.

MBA Courses

MBA 511	Management Foundations
MBA 512	Accounting for Managers
MBA 515	Management in Organizations
MBA 521	Marketing Concepts and Practice

Counseling Scholars Program

Program Requirements

For students interested in the field of counseling and possessing a strong academic profile, Marymount's Counseling Scholars Program offers an opportunity to guarantee a place in the university's counseling (M.A.) program. While other undergraduates will need to apply to the graduate program, qualifying psychology majors who are counseling scholars are exempt from this process. The Counseling Scholars Program is open to a select group of incoming first-year and transfer students who are chosen by the Counseling Admissions Committee and meet stringent continuation requirements.

To be accepted into the program, first-year and transfer students must have

- a high school grade point average of 3.0 or above;
- declared psychology as their major; and
- completed the essay portion of the Counseling Scholars Program application addressing their interest and commitment to the field of counseling (500-word minimum).

To be accepted into the program, current students must have

- a college GPA of 3.2 or above in their psychology courses and declared psychology as their major; and

- completed the essay portion of the Counseling Scholars Program application addressing their interest and commitment to the field of counseling (500-word minimum).

To continue in the program, students must

- maintain an overall GPA of 3.2 in their psychology courses;
- complete designated psychology courses (PSY 230, PSY 330, PSY 333) with a B or better;
- complete a counseling-oriented research project and internship; and
- attend at least two counseling department events.

The Counseling Scholars Program application has a strict deadline and must be completed by:

- March 1 (for incoming first-year and transfer students)
- End of the first semester of the applicant's junior year (for current students)

For more information, please contact the Office of Admissions.

Forensic and Legal Psychology Scholars Program

Program Requirements

This competitive program, open to first-time college students and to transfer/current students, guarantees admission into the university's forensic and legal psychology (M.A.) program to a select group of well-qualified students in psychology and criminal justice. These students, chosen by the Forensic and Legal Psychology Admissions Committee, must meet stringent acceptance and continuation requirements.

To be accepted into the program, a first-time student must have

- a minimum high school GPA of 3.3 (weighted and unweighted);
- SAT (Math & Critical Reading) score of 1170+ or ACT of 24+; and
- an essay addressing the applicant's interest in and commitment to the field of forensic and legal psychology (500-word minimum).

To be accepted into the program, a transfer/current student must have/submit

- a cumulative GPA of 3.5+ in all previous/existing undergraduate coursework;
- an average GPA of 3.5+ in previous/existing psychology and/or criminal justice coursework; and

- an essay addressing the applicant's interest in and commitment to the field of forensic and legal psychology (500-word minimum).

For current students, the application deadline is the end of the first semester of their junior year.

To continue in the program, a student must

- maintain a minimum undergraduate GPA of 3.5;
- complete PSY 302 Research Design or CJ 304 Applied Research Methods research project on a relevant topic (complete the Research and Internship Form);
- complete PSY 400 Internship or CJ 400 Internship at a relevant site (complete the Research and Internship Form);
- attend at least two Forensic and Legal Psychology Department events (e.g., career night, seminar speaker, appreciation dinner; complete the Events and Class Form);
- attend at least one meeting of one forensic and legal psychology M.A. course (complete the Events and Class Form); and
- receive a strong, positive recommendation from a faculty member in the student's major.

In addition to their major program requirements, psychology majors must complete (21 credits):

CJ 209	The Criminal Justice System *
CJ 305	Criminology *
CJ 311	Correctional Institutions
LA 302	Criminal Litigation
PSY 326	Forensic Psychology
PSY 332	Psychology of Addictions

One (1) course from the following:

SOC 131	Principles of Sociology in Global Perspective *
SOC 200	Law and Society in Global Perspective *
SOC 203	The Global Village *

By January 16th of the year in which the student intends to graduate with their bachelor's degree in psychology or criminal justice, the following materials need to be submitted to the Forensic and Legal Psychology Scholars Program Coordinator:

- FLP MA Admissions Approval Form
- Research and Internship Form (including the research project)
- Events and Class Form
- Official undergraduate transcript

- Strong, positive letter of recommendation from a faculty member in the student's major
- Graduate Studies Application form

Forensic Psychology (Minor)

This minor is open only to psychology majors.

Minor Requirements

CJ 209	The Criminal Justice System *
CJ 311	Correctional Institutions
LA 302	Criminal Litigation
PSY 326	Forensic Psychology
PSY 332	Psychology of Addictions
CJ 305	Criminology *

One (1) course from the following:

SOC 131	Principles of Sociology in Global Perspective *
SOC 200	Law and Society in Global Perspective *
SOC 203	The Global Village *

Psychology (Minor)

This minor is open to students of any major.

Minor Requirements

PSY 101	General Psychology *
PSY 105	General Psychology Laboratory
PSY 110	Human Growth and Development *

One (1) course from the following:

PSY 220	Social Psychology
PSY 230	Abnormal Psychology *
PSY 240	Personality Theories

One (1) course from the following:

PSY 250	Biological Bases of Behavior
PSY 260	Learning and Cognition *

One (1) 300- to 400-level psychology course.

Sociology

Sociology (B.A.)

The sociology program at Marymount fosters critical reflection on global issues of diversity, inequality, and social justice. The curriculum challenges students by taking an analytical approach to understand social life. Through coursework, research, and community-based learning, students develop career skills as well as an

appreciation for the importance of community engagement.

Students gain analytical skills in the practical application of social theory and research design, and learn to apply these skills to address social injustice locally and globally. Applied theory and research methods are woven throughout the coursework. The culminating senior experience provides students with the opportunity to gain practical experience in real-world settings.

The Bachelor of Arts degree in sociology at Marymount University will provide students with a global perspective and cultural competence, preparing them for a wide range of career paths. Upon successful completion of this program, students will be able to

- apply a sociological imagination to global issues through effective writing;
- apply a relevant quantitative, qualitative, or visual research method to analyze a sociological issue;
- demonstrate an understanding of the value of diverse perspectives for achieving social justice when working in community engagement settings such as the internship; and
- demonstrate effective presentation skills within the discipline.

Minimum Grade Requirement: A minimum grade of C- is required for all courses in the major.

Residency Requirement: Transfer students must complete the internship and at least 18 credits in Marymount sociology courses, including SOC 251, SOC 350, SOC 351, SOC 495, and SOC 497.

Internship Prerequisites: Most students complete SOC 497 Community Engagement Experience. Some students may elect to complete the three-credit internship instead. Either placement is completed during the senior year once all other requirements are successfully completed. For SOC 497, students complete a minimum of 80 supervised hours in their selected community organization over a period of 10 weeks. For SOC 400, the student is placed for 120 hours (three credits) in their internship, which will be a community engagement project. Prerequisites for these two courses are a cumulative grade point average of 2.0 or higher, a grade of C- or higher in all required courses for the major, a minimum of 18 credits earned at Marymount, and permission from the internship coordinator.

Degree Requirements — Sociology

This degree requires a total of 120 credits.

Liberal Arts Core and University Requirements

See University Requirements and the Liberal Arts Core (p. 59) for details.

Major Requirements

To fulfill the requirements of the major, all students in this program will take the following coursework in a sequence determined in collaboration with a faculty advisor. Some courses also satisfy Liberal Arts Core and/or University Requirements.

SOC 121	Principles of Sociology *
	OR
SOC 131	Principles of Sociology in Global Perspective *
SOC 203	The Global Village *
SOC 251	Working for Justice, Working for Change *
SOC 350	Social Justice *
SOC 351	Addressing Injustice: Research Methods *
SOC 497	Community Engagement Experience *
	OR
SOC 400	Internship *
SOC 495	Senior Practicum *

Four (4) electives from the following:

SOC 200	Law and Society in Global Perspective *
SOC 204	Cultural Diversity *
SOC 222	Race and Ethnic Diversity *
SOC 261	Through the Sociological Lens I *
SOC 306	Poverty, Wealth, and Inequality *
SOC 361	Through the Sociological Lens II *
SOC 365	Gender Inequality in Global Perspective *
SOC 375	Topics in Human Rights *
SOC 385	Global Inequality and Community Development *
SOC 395	Cities in the 21st Century
SOC 421	Project
SOC 433	Research *

Sample Degree Plan — Sociology

Please note that this is a sample plan; all students must consult with an advisor in making course selections.

Year One — Fall

SOC 131	Principles of Sociology in Global Perspective *
EN 101	Composition I *
HI	Introductory History (HI-1) core course *

DSC 101	DISCOVER First-Year Seminar *
	One (1) elective

SOC 131: SS-1 core course

EN 101: WR core course

Year One — Spring

EN 102	Composition II *
	Natural Science (NS) core course (biology recommended) *
	Introductory Social Science (SS-1) core course (politics, psychology, or economics) *
TRS 100	Theological Inquiry *
	One (1) elective

EN 102: WR core course

TRS 100: TRS-1 core course

Year Two — Fall

SOC 203	The Global Village *
EN	Introductory Literature (LT-1) core course *
	Mathematics (MT) core course (MA 132 recommended) *
PH 100	Introduction to Philosophy *
	One (1) elective

SOC 203: See Major Requirements above for course selections.

PH 100: PH-1 core course

Year Two — Spring

SOC 251	Working for Justice, Working for Change *
	Fine Arts (FNA), Advanced Literature (LT-2), or Advanced History (HI-2) core course *
	Introductory Social Science (SS-1) core course (politics, psychology, or economics) or a second Natural Science (NS) core course *
	One (1) elective (Global classroom recommended)
	One (1) general elective

SOC 251, major elective: See Major Requirements above for course selections.

Year Three — Fall

SOC 350	Social Justice *
	One (1) major elective
	Advanced Theology/Religious Studies (TRS-2) or Theological Ethics (TRS-E) core course *
	Two (2) electives

SOC 350, major elective: See Major Requirements above for course selections.

Year Three — Spring

SOC 351	Addressing Injustice: Research Methods *
PH	Advanced Philosophy (PH-2) or Philosophical Ethics (PH-E) core course *
	Advanced Social Science (SS-2) core course *
	One (1) major elective
	One (1) elective

Year Four — Fall

SOC 495	Senior Practicum *
	One (1) major elective
	Three (3) electives (complete EXP requirement)

Year Four — Spring

SOC 497	Community Engagement Experience *
	OR
SOC 400	Internship *
	One (1) major elective
	Fine Arts (FNA), Advanced Literature (LT-2), or Advanced History (HI-2) core course *
	One (1) elective
	Two (2) elective credits

* Fulfills Liberal Arts Core/University Requirements. See University Requirements and the Liberal Arts Core (p. 59) and the Course Descriptions (p. 203) for further information.

Sociology (B.A.) 3+3 Partnership with Catholic University Law School

Marymount has a direct-entry affiliation agreement with Catholic University's Columbus School of Law. This enables qualified third-year Marymount students in designated majors to be admitted to the first year of law school during their senior year at Marymount. Sociology students who are interested in direct entry to the Columbus School of Law after their junior year at Marymount should discuss the 3+3 partnership with their major advisor as soon as they become interested. The advisor will guide students through the selection of Marymount courses and refer them to the Office of Admissions of the Columbus School of Law as potential applicants. Qualified students may receive credit from both Marymount and Catholic University for a maximum of 29 credits taken at the Columbus School of Law. For more information and details on eligibility, please see Pre-Law Studies and Advising (p. 68).

Sample Degree Plan — Sociology 3+3 Partnership with Catholic University Law School

Please note that this is a sample plan; all students must consult with an advisor in making course selections.

Year One — Fall

SOC 131	Principles of Sociology in Global Perspective *
EN 101	Composition I *
HI	Introductory History (HI-1) core course *
DSC 101	DISCOVER First-Year Seminar *
	One (1) elective

SOC 131: SS-1 core course

EN 101: WR core course

Year One — Spring

SOC 203	The Global Village *
SOC 251	Working for Justice, Working for Change *
EN 102	Composition II *
	Natural Science (NS) core course with lab (biology recommended) *
TRS 100	Theological Inquiry *

SOC 203, SOC 251: See Major Requirements above for course selections.

EN 102: WR core course

TRS 100: TRS-1 core course

Year Two — Fall

SOC 350	Social Justice *
EN	Introductory Literature (LT-1) core course *
	Introductory Social Science (SS-1) core course (politics, psychology, or sociology) *
	Mathematics (MT) core course (MA 132 recommended) *
PH 100	Introduction to Philosophy *

SOC 350: See Major Requirements above for course selections.

PH 100: PH-1 core course

Year Two — Spring

SOC 351	Addressing Injustice: Research Methods *
	One (1) major elective (SOC 204 recommended)
	Introductory Social Science (SS-1) core course (politics, psychology, or economics) or a second Natural Science (NS) core course *

	Fine Arts (FNA), Advanced Literature (LT-2), or Advanced History (HI-2) core course *
	Experiential Learning (EXP) course (Global classroom recommended) *

Major elective: See Major Requirements above for course selections.

Year Three — Fall

SOC 495	Senior Practicum *
	One (1) major elective
	Advanced Theology/Religious Studies (TRS-2) or Theological Ethics (TRS-E) core course *
	Fine Arts (FNA), Advanced Literature (LT-2), or Advanced History (HI-2) core course *
	One (1) elective

Major elective: See Major Requirements above for course selections.

Year Three — Spring

SOC 497	Community Engagement Experience *
SOC 400	OR Internship *
	One (1) major elective
PH	Advanced Philosophy (PH-2) or Philosophical Ethics (PH-E) core course *
	Advanced Social Science (SS-2) core course *
	One (1) elective (Global classroom recommended)

Year Four — Fall (classes to be completed at Columbus School of Law)

Criminal Law (substitute for elective)

Civil Procedure (yearlong course split over fall and spring — substitute for elective)

Lawyering Skills (yearlong course split over fall and spring — substitute for elective)

Contracts (yearlong course split over fall and spring — substitute for elective)

Year Four — Spring (classes to be completed at Columbus School of Law)

Contracts (yearlong course split over fall and spring)

Lawyering Skills (yearlong course split over fall and spring)

Civil Procedure (yearlong course split over fall and spring)

Property (substitute for elective)

Torts (substitute for elective)

Constitutional Law (substitute for elective)

* Fulfills Liberal Arts Core/University Requirements. See University Requirements and the Liberal Arts Core (p. 59) and the Course Descriptions (p. 203) for further information.

B.A. in Sociology to M.B.A. Program

This pre-M.B.A. program allows advanced sociology students to begin to pursue their M.B.A. degree while completing their undergraduate program. If students begin their graduate coursework while completing their undergraduate programs, they could earn their undergraduate and graduate degrees at an accelerated rate.

Sociology students can supplement their undergraduate coursework with up to six credits of specified M.B.A. graduate courses. The M.B.A. courses would satisfy both graduate and undergraduate program requirements.

Students would be allowed to enroll in up to four graduate-level M.B.A. courses while completing undergraduate coursework; however, only two of those courses (six credits) would be eligible for application to the undergraduate degree. If students opt to take an additional two courses at the graduate level while completing the undergraduate degree, these courses would only apply to the graduate program requirements. All four graduate courses would satisfy M.B.A. program requirements.

Admission Requirements

In addition to meeting the universitywide undergraduate admission requirements, students are permitted to submit an application and, if approved, take graduate M.B.A. courses if they have

- at least 60 credits but no more than 90 credits and
- a minimum cumulative GPA of 3.4.

MBA Courses

MBA 511	Management Foundations
MBA 512	Accounting for Managers
MBA 515	Management in Organizations
MBA 521	Marketing Concepts and Practice

Sociology (Minor)**Minor Requirements**

SOC 251	Working for Justice, Working for Change *
SOC 351	Addressing Injustice: Research Methods *
	OR
SOC 350	Social Justice *

Three (3) courses from the following:

SOC 200	Law and Society in Global Perspective *
SOC 204	Cultural Diversity *
SOC 222	Race and Ethnic Diversity *
SOC 261	Through the Sociological Lens I *
SOC 306	Poverty, Wealth, and Inequality *
SOC 361	Through the Sociological Lens II *
SOC 365	Gender Inequality in Global Perspective *
SOC 375	Topics in Human Rights *
SOC 395	Cities in the 21st Century
SOC 385	Global Inequality and Community Development *

Courses

Courses fulfilling University Requirements and/or the Liberal Arts Core are noted with the appropriate designations in the following course descriptions.

AA - Applied Arts

NOTE: Applied Arts courses are open only to declared majors or minors in the fashion design or fashion merchandising program.

AA 102 - Sample Room Techniques

A study and application of the principles of garment construction. The course emphasizes application techniques for various fabrics and production methods for basic styles. (3)

AA 103 - Apparel Design I

Execution of fashion designs through the flat pattern method. The course teaches the rudiments of draping. Prerequisite: grade of C or better in AA 102. (3)

AA 110 - Apparel Quality and Analysis

Students will analyze the quality of ready-to-wear apparel products in relation to consumer value, industry quality assurance standards and specifications, cost, and performance. (3)

AA 111 - Fashion Apparel and Accessory Coordination

Students will examine and produce fashion apparel and accessory coordination (styling) for window and interior retail display, print and digital formats, runways, entertainment, and images. (3)

AA 150 - Fashion Retailing

An overview of the unique practices of fashion retailers: an analysis of brick and mortar, online and direct response approaches, product merchandising, management marketing, operations, and control functions. (3)

AA 204 - Methods in Fashion Construction

Applying technical skills to a creative process, this course teaches students advanced techniques of flat pattern making, draping, tailoring, and couture techniques in garment construction. Prerequisite: grade of C or better in AA 103. (3)

AA 211 - Visual Merchandising

A study and application of merchandising principles for good store design. The course also examines the aesthetic elements used in merchandise presentation. Liberal Arts Core/University Requirements Designation: DSINQ. (3)

AA 212 - Fashion Industry & Promotion

The course focuses on communication and the elements of the promotional mix in fashion marketing. Students will engage in the creative process as they produce media messages and content that effectively express brand identity. (3)

AA 251 - Textiles

A study of fibers and fabric of both natural and synthetic origins. The course includes an analysis of the use and care of textiles, design applications, and finishing. Emphasis on the use of textiles for fashion. (3)

AA 255 - Digital Presentation for Fashion

Students utilize Photoshop and Illustrator software for applications to the fashion industry, such as fashion presentations, trend boards, and mood boards. (3)

AA 265 - Fashion Illustration I

An analysis and application of techniques for drawing the fashion figure and related apparel. The course includes projects designed to develop technical drawings and illustrations suitable for presentation purposes. Prerequisite: FA 105 or permission of the instructor. Liberal Arts Core/University Requirements Designation: DSINQ. (3)

AA 272 - Textile Design

Introduces principles related to surface design for printing on textiles with an emphasis on market trends for the industry. Studio projects develop skills in the design of textiles and computer-aided design. Prerequisite: FA 105 or permission of the instructor. (3)

AA 275 - Fashion Illustration II

The course highlights hand-drawing skills learned in Fashion Illustration I and incorporates the visual communication process into multiple digital and CAD formats. The course introduces various visual skills for

the communication of fashion garments and the integration of textile designs. Students will learn to create hybrid, digital, and CAD drawings for fashion figures, textile and garment design, specification drawings, and pattern development. Prerequisite: grade of C or better in AA 265. (3)

AA 305 - Draping

Advanced study in the use of the draping method. Design concepts are developed to final, well-constructed original creations. Prerequisite: grade of C or better in AA 204. (3)

AA 306 - Apparel Design II

Exploration of advanced flat pattern techniques. Teaches design students the theory of drafting clothing patterns based on sets of body measurements and the theory of grading patterns. Prerequisite: grade of C or better in AA 305. Liberal Arts Core/University Requirements Designation: DSINQ. (3)

AA 307 - Product Development I

Focuses on technical product development through the evaluation of garment quality from construction standards to appropriate textile choice, mass production processes, and pricing. Covers technical apparel design skills, including the writing of specifications, for industrial garment production. Prerequisite: grade of C or better AA 255. (3)

AA 320 - Fashion Research and Forecasting

Students will learn consumer behavior theories related to fashion trends and consumers' fashion adoption process. Students will simulate fashion forecasting activities. Prerequisite: EN 102, a grade of D or better in AA 110 and AA 255. Liberal Arts Core/University Requirement Designation: WI & DSINQ. (3)

AA 330 - Omni-Channel Fashion Retailing

In this course, students will expand their understandings of fashion retailing from the brick-and-mortar to the omni-channel environment. Students will gain knowledge in the seamless distribution of fashion products through brick-and-mortar stores and direct-marketing channels that include online/mobile stores. The focus of the course is to analyze the important fashion retailing strategies developed for e-commerce. (3)

AA 355A - Advanced Construction and Couture Techniques

Provides an opportunity for students to progress in the understanding of garment construction as it relates to design from both the technical and aesthetic perspectives. Prerequisites: AA250 and AA260. (3)

AA 355B - Advanced Applications of Patternmaking Techniques

This course offers instruction in advanced methods of making patterns for menswear, pants, and advanced womenswear as well as methods of pattern making in other cultures. It emphasizes the application of these methods to problem solve for originality in design of apparel. Prerequisites: AA260, AA350, and AA385. (3)

AA 355C - Designing the Apparel Masterpiece

In-depth examination and exploration of the processes contributing to originality in fashion design. This course will consider the creative process as related to fashion design and the process of research for inspired and original apparel design, including fabric research, construction research, and principles of design applications. Processes of modeling through sketching, model making, and first and subsequent prototypes will be used. A final executed garment or ensemble will result. Prerequisites: AA260, AA350, AA385, and AA415 or AA355B. (3)

AA 355D - Tailored Garment Structures

A studio in the methods of tailoring. Projects are assigned to develop skills in fitting, shaping, lining, and underlying of garments. Prerequisites: AA260. (3)

AA 361 - Survey of Fashion

An analysis of fashion: its function, history, and relation to the modern economy. The course covers the principles of fashion change, fashion terminology, and the development of fashions and accessories from ancient Egypt to the present. Prerequisite: EN 102 and a grade of D or better in AA 251. University Requirements Designation: WI. (3)

AA 382 - Merchandise Planning and Analysis

Provides an understanding of the methods and calculations necessary in successful merchandising as well as computer applications for inventory control. Prerequisite: grade of D or better in AA 150. (3)

AA 390 - Principles of Costume and Theater

Examines the principles and processes of designing costumes for the stage. Emphasis on methods used to illuminate ideas, themes, characters, and action found in a script. (3)

AA 400 - Internship

A senior student may register for three (3) credits in a field experience in the fashion industry. Appropriate settings include manufacturers, specialty stores, and department stores. The internship is monitored by a faculty member. Prerequisite: permission of the dean of the School of Arts and Sciences. Liberal Arts Core/University Requirements Designation: EXP. (3)

AA 407 - Product Development II

Investigation of the process by which an apparel product is launched in the marketplace from the design and merchandising perspectives, including research, testing, financial planning, and marketing. Open only to juniors and seniors majoring in fashion design or merchandising. Prerequisite: grade of C or better in AA 307. Liberal Arts Core/University Requirements Designation: DSINQ. (3)

AA 408 - Advanced Problems in Fashion Design I

Examines fashion design as both process and product. Students learn to integrate the elements of visual design, methods of pattern making, and the use of special fabrics. Prerequisite: grade of C or better in AA 306 and senior status. (3)

AA 409 - Advanced Problems in Fashion Design II

A continuation of the advanced projects started in AA 408. Students create a line of garments suited to a specific market. Prerequisite: grade of C or better in AA 408 and senior status. (3)

AA 410 - Fashion Consulting and Culture

A study of fashion as it relates to clothing selection. Emphasis on clothing behavior, consumer practices, wardrobe planning, and color. Analysis of fringe consumer groups. (3)

AA 412 - The Great Designers

An examination of the origin of haute couture and the contributions of noted fashion designers since 1850. The course considers social and economic influences on the designer and consumer in each period. (3)

AA 413 - Fashion Event Planning

Students will develop initial planning required for fashion shows and special events. Students will gain experience in planning a dramatized fashion show by developing leadership and team member positions, scheduling, budgeting, theme development, and activities related to public relations, such as collaborating with industry fashion designers and other units on and/or off campus. Prerequisite: grade of D or better in AA 212. (3)

AA 414 - Fashion Show Production

The development of advanced planning required for a dramatized fashion show. Students will develop strategies for advertising and publicity, budgeting, floor plans, stage and program designs, and targeting an appropriate market. Students plan lighting and sound, choreograph routines, and produce the fashion show. Prerequisite: grade of D or better in AA 413 or permission of the instructor. (3)

AA 421 - Project

An investigation of a selected topic in the major emphasis area under the direction of a faculty advisor. The project is intended to develop independent research capabilities and presentation techniques for fashion design or fashion merchandising. Prerequisite: permission of the dean of the School of Arts and Sciences. (3-6)

AA 433 - Research

A student in this course will conduct collaborative research (scholarly work leading to new knowledge) under the direction of a faculty member. Prerequisite: application and approval of department chair. Liberal Arts Core/University Requirements Designation: EXP. (1-6)

AA 440 - Fashion in the Global Marketplace

This course provides an understanding of the textile and apparel industries in the world economy. Emphasis is on U.S. importing and exporting and on global trends in the production and consumption of textiles and apparel. University Requirements Designation: GP. (3)

AA 483 - Senior Seminar in Fashion Merchandising

The capstone course in fashion merchandising. Presents current practices, trends, and problems in the field. Students learn to analyze contemporary problems by using the case study method and by presenting a written and oral case analysis at the end of the course.

Prerequisites: grade of D or better in AA 382 and senior status. Liberal Arts Core/University Requirements Designation: DSINQ. (3)

AA 485 - Senior Design Research and Development

Students will research the various markets within the fashion industry and choose one major area of focus. They will utilize the study of target markets, price points, demographics, and customer profiles to create a concept journal for the basic foundation of their senior portfolio. Students will research sources of inspiration in order to develop mood boards, fashion illustrations, technical sketches, and fabric swatches in preparation for Senior Fashion Design Portfolio and the creation of their senior lines. Prerequisite: EN 102 and a grade C or better in AA255. University Requirements Designation: WI. (3)

AA 495 - Senior Fashion Design Portfolio

Design for different markets is integrated with fashion presentations. Students create a portfolio for entry into the industry. Prerequisite: grade of C or better in AA 275 and AA 485, and senior status. (3)

ACT - Accounting

ACT 201 - Principles of Accounting I

An introduction to the basic concepts of financial analysis and recording. Introduction to the entire accounting cycle through preparation of worksheets and financial statements, special journals, and subsidiary ledgers. Prerequisite: MGT 123 or permission of the instructor. (3)

ACT 202 - Principles of Accounting II

A continuation of the concepts and practices introduced in ACT 201. Introduction to partnership and corporate accounting and financial statement analysis. Prerequisite: ACT 201 with a grade of C or better. Corequisite: ACT 202L. (3)

ACT 202L - Principles of Accounting Lab

This course consists of cases that complement the content of ACT 202 using the Excel format. Corequisite: ACT 202. Transfer students may enroll if they have completed ACT 202 elsewhere. (1)

ACT 303 - Intermediate Accounting I

The study of the theoretical framework for financial accounting and generally accepted accounting

principles. The primary focus is on transaction analysis, asset measurement and asset valuation, and the related effect on net income. Prerequisites: ACT 202 with a grade of C or better and ACT 202L with a grade C or better and co- or prerequisite FIN-301. (3)

ACT 304 - Intermediate Accounting II

A continuation of the concepts of financial accounting with an emphasis on liability measurement and liability valuation, stockholders' equity, and the statement of cash flows. Prerequisite: ACT 303 with a grade of C or better. (3)

ACT 306 - Cost Accounting

Topics include the study of cost accumulations in a manufacturing environment, inventory valuation, income determination, and the reporting of internal accounting data. Prerequisite: ACT 202 with a grade of C or better. (3)

ACT 406 - Tax Accounting

The federal income tax for corporations and individuals is studied. Tax regulations, tax planning, research, and practice are included. Prerequisite: ACT 201 with a grade of C or better. (3)

ACT 410 - Auditing

An introduction to the independent accountant's role and responsibilities in business. Topics include generally accepted auditing standards, internal controls, substantive testing, and the auditor's report. Prerequisite: ACT 304 with a grade of C or better. (3)

ACT 420 - Advanced Accounting Topics

A continuation of the study of generally accepted accounting principles, focusing on complex accounting issues with an emphasis on research to develop sound accounting treatments for various business transactions. Prerequisite: ACT410 with a grade of C or better. Liberal Arts Core/University Requirements Designation: WI. (3)

ACT 430 - Government and Not-for-Profit Accounting

Provides a comprehensive overview of the specialized reporting practices of governmental and not-for-profit organizations. This course describes how those organizations can better meet the information needs of a diverse set of financial statement users and decision makers. Prerequisite: ACT 304 with grade of C or better. (3)

ACT 490 - Internship

Senior students register for accounting experience with cooperating firms in the Washington metropolitan area. Only substantial accounting internships qualify. The internship is monitored by the School of Business Administration director of internships for the Center for Career Services and a representative of the cooperating company. Application should be made three to six months prior to registration to permit exploration of internship opportunities. Prerequisites: permission of School of Business Administration director of internships in the Center for Career Services, minimum of 90 credit hours with a cumulative GPA of 2.0 or better, a cumulative GPA of 2.0 or better in all business courses, and 18 credits in accounting coursework. EXP (3)

ASTR - Astronomy**ASTR 101 - Astronomy**

A descriptive course in astronomy. Historical concepts of the universe are related to our current ideas, followed by a detailed study of the solar system. The birth, life, and death of stars are analyzed, including how they generate their energy and their ultimate fate. Course concludes with a journey to the galaxies to explore the possible origin of the universe, to examine some current ideas, and to speculate about the future. Liberal Arts Core/University Requirements Designation: NS. (3)

ASTR 101L - Astronomy Lab

A laboratory designed to strengthen and support the topics presented in ASTR 101 Astronomy. (1)

BIO - Biology**BIO 106 - Frontiers in STEM**

Provides a general science overview for non-science majors. Develops an understanding of scientific processes and reasoning, including knowledge of several developments in the STEM fields. This course also focuses on the appreciation for the interrelationships among sciences and their relationships to other disciplines. Emphasis is placed on solving problems and developing logical hypotheses. (3)

BIO 110 - Introduction to Environmental Science

An introduction to the study of the Earth's natural systems and the forces that can affect them. Students will explore the Earth's natural environments and the interactions of organisms with each other, as well as their physical surroundings and the sources and effects of stress on natural environments. Topics include nutrient cycling; the hydrologic cycle; trophic structures and interactions; human populations; soil, water, and air pollution; and the relationship of science to policy making. Liberal Arts Core/University Requirements Designation: NS. (3)

BIO 110L - Introduction to Environmental Science Lab

A laboratory designed to strengthen and support the topics presented in BIO 110 Introduction to Environmental Science. (1)

BIO 111 - Human Genetics for Non-Majors

This course for non-majors introduces the principles of genetics as applied to humans. Recent advances in areas such as using DNA evidence, gene therapy, amniocentesis, in vitro fertilization, and learning and psychiatric disabilities are considered. Social, cultural, and ethical implications are reviewed. Laboratory will include experiences with DNA, karyotyping, pedigree analysis, etc. Liberal Arts Core/University Requirements Designation: NS. (3)

BIO 111L - Human Genetics for Non-Majors Lab

A laboratory designed to strengthen and support the topics presented in BIO 111 Human Genetics for Non-Majors. (1)

BIO 120 - Introduction to the Biological World

Introduces non-majors to the biological world around them. Energy production, storage, and conversion are explored. A survey of life leads from single-celled organisms to chordates. The basic functioning of the systems of the human body are examined. Liberal Arts Core/University Requirements Designation: NS. (3)

BIO 120L - Introduction to the Biological World Lab

A laboratory designed to strengthen and support the topics presented in BIO 120 Introduction to the Biological World. (1)

BIO 127 - Introduction to Marine Biology and Tropical Ecology

The marine biology and tropical ecology of Belize are experienced firsthand in this study abroad course. Students will have unique opportunities to study and experience tropical jungles, coral reefs, savannas, limestone caves, mangroves, lagoons, and estuaries. Students also will have an opportunity to explore the habitats of manatees, spider monkeys, hawksbill sea turtles, and saltwater crocodiles. They will experience all of this while immersed in a different culture. This course satisfies the Liberal Arts Core requirement for a natural science with laboratory. Liberal Arts Core/University Requirements Designation: NS. (4-6)

BIO 151 - General Biology I

A course for the biology major and a prerequisite for all subsequent courses for the major. This course is also required for certain other majors. The course addresses the chemical and physiological aspects common to organisms, such as cell structure, metabolism, and biosynthesis of molecules. Basic principles of molecular biology will be introduced. Students may enroll in this course only if it is a specific requirement for their major. Liberal Arts Core/University Requirements Designation: NS. (3)

BIO 151L - General Biology I Lab

A laboratory designed to strengthen and support the topics presented in BIO 151 General Biology I. Liberal Arts Core/University Requirements Designation: DSINQ. (1)

BIO 152 - General Biology II

A continuation of the study begun in BIO 151. Topics focus on animal systems and address the diverse organ complexity and physiological functions. The course also extends the introduction of the rapidly evolving knowledge of molecular biology, gene structure, and regulation of expression. Prokaryotes and the Kingdoms will be introduced. Kingdom Animalia will be discussed in greater depth. Students will also be introduced to ecology. Students may enroll in this course only if it is a specific requirement for their major. Prerequisite: BIO 151 or equivalent. Liberal Arts Core/University Requirements Designation: NS. (3)

BIO 152L - General Biology II Lab

A laboratory designed to strengthen and support the topics presented in BIO 152 General Biology II. (1)

BIO 161 - Anatomy and Physiology I

The first of a two-semester introductory course in human anatomy and physiology. This course begins with metabolism and the structure and function of cells and tissues. The form and function of the integumentary, skeletal, muscular, and digestive systems are also explored. Liberal Arts Core/University Requirements Designation: NS. (3)

BIO 161L - Anatomy and Physiology I Lab

A laboratory designed to strengthen and support the topics presented in BIO 161 Anatomy and Physiology I. (1)

BIO 162 - Anatomy and Physiology II

The second of a two-semester introductory course in human anatomy and physiology. This course features an in-depth discussion of the structure and function of the nervous system, blood and the cardiovascular system, and the reproductive systems. Liberal Arts Core/University Requirements Designation: NS. (3)

BIO 162L - Anatomy and Physiology II Lab

A laboratory designed to strengthen and support the topics presented in BIO 162 Anatomy and Physiology II. (1)

BIO 224 - Endocrinology

Focuses on the study of human hormones and their chemical classification, receptors, and intracellular mechanisms. Interactions of hormone actions will be stressed as the course progresses. Consequences of hypo- and hyper-hormone conditions will be discussed. Prerequisites: BIO 152 and CHM 152. (3)

BIO 250 - General Botany

An in-depth survey of the Plant Kingdom, including nonvascular as well as vascular plants. Some members of the Kingdoms Fungi and Protista will also be covered. Topics covered will include photosynthesis, life cycles, growth and propagation, plant and hormone effects, classification and identification, and herbarium techniques. Prerequisite: BIO 151 or equivalent. (3)

BIO 250L - General Botany Lab

A laboratory designed to strengthen and support the topics presented in BIO 250 General Botany. (1)

BIO 260 - Microbiology

An analysis of the general principles of microbiology. The course includes the study of microbial growth and the relation of bacteria and viruses to infection, disease, and immunity. The role of pathogenic microbes and parasitic agents in the cause of disease is studied along with the role of various combative chemicals.
Prerequisite: BIO 152 or BIO 162. (3)

BIO 260L - Microbiology Lab

A laboratory designed to strengthen and support the topics presented in BIO 260 Microbiology. (1)

BIO 262 - Genetics for Majors

This course for majors is a study of the basic principles of inheritance from the classical studies of Mendel to current developments in molecular genetics. Students study the applications of genetic technologies to microorganisms, plants, and animals. The potential benefits of engineering and related ethical issues are discussed. Prerequisites: BIO 260 or BIO 151 and MA 181 or MA 172. Liberal Arts Core/University Requirements Designation: NS. (3)

BIO 262L - Genetics for Majors Lab

A laboratory designed to strengthen and support the topics presented in BIO 262 Genetics for Majors. (1)

BIO 272 - Parasitology

The study of the biochemistry, physiology, nutrition, immunology, life cycles, epidemiology, control, and chemotherapy of parasitic protozoans, helminths, and arthropod vectors. Emphasis is on parasites of man. Prerequisites: BIO 152 and CHM 152. (3)

BIO 272L - Parasitology Lab

A laboratory designed to strengthen and support the topics presented in BIO 272 Parasitology. (1)

BIO 300 - Writing for Science

A discipline-specific approach to writing for biology majors, this course will acquaint the student with the range of writing styles in science. Students will apply their knowledge in the sciences to both the critique and writing of research abstracts, literature summaries, and pieces to be read by the non-scientific audience. Prerequisite: EN 102. Liberal Arts Core/University Requirements Designation: DSINQ, WI. (3)

BIO 327 - Introduction to Marine Biology and Tropical Ecology

The marine biology and tropical ecology of Belize are experienced firsthand in this study abroad course. Students will have unique opportunities to study and experience tropical jungles, coral reefs, savannas, limestone caves, mangroves, lagoons, and estuaries. Students will also have an opportunity to explore the habitats of manatees, spider monkeys, hawksbill sea turtles, and saltwater crocodiles. They will experience all of this while immersed in a different culture. Liberal Arts Core/University Requirements Designation: NS. (4-6)

BIO 363 - Cellular Biology

Examination of prokaryotic and eukaryotic cell structure and function. Emphasis on metabolism, regulation of cellular events, and basic genetic processes. The course provides an introduction to control of gene expression. Prerequisites: BIO 262 and CHM 152. (3)

BIO 368 - Advanced Research Methods

This is a laboratory-intensive course that will provide the student with a working knowledge of current laboratory techniques common to many scientific disciplines, including cell biology, immunology, and virology. Students will learn to use standard and state-of-the-art laboratory equipment. The course also will explore the application of each technique to different scientific questions. Prerequisite or corequisite: BIO 363. Liberal Arts Core/University Requirements Designation: WI. (3)

BIO 385 - Approaches to Teaching Secondary Biology

Prepares the student to teach biology at the secondary level by integrating content mastery with effective pedagogical strategies. Field experience: 20 hours. Prerequisites: ED 200, ED 327, and PSY 110. (3)

BIO 400 - Internship

Senior students may register for an internship with a cooperating employer in the Washington metropolitan area. The internship is monitored by a supervising professor and a representative of the employing firm. Prerequisite: senior status. Liberal Arts Core/University Requirements Designation: EXP. (3-6)

BIO 410 - Seminar

Provides an opportunity for an in-depth study of a topic of current interest selected annually. Discussion and research of the literature is encouraged as a means of

examining both scientific aspects of the topic and the relationship of science to societal, legislative, and economic issues. Prerequisite: senior status or permission of instructor. Liberal Arts Core/University Requirements Designation: DSINQ. (2)

BIO 421 - Project

Investigation of a selected topic in biology in collaboration with or under the direction of a faculty advisor. The project is intended to demonstrate the ability to conduct and report independent research. Prerequisite: approval of department chair. (1-3)

BIO 433 - Research

A student in this course will conduct collaborative research (scholarly work leading to new knowledge) under the direction of a faculty member. Prerequisites: application and approval of department chair. Liberal Arts Core/University Requirements Designation: EXP. (1-6)

BIO 441 - Biochemistry

A study of the structures and functions of biomolecules and an introduction to bioenergetics and kinetics as applied to those systems. An introduction to modern biochemical experimental methods of studying chemical and physical properties of biological molecules will be included. Topics covered will include protein isolation and purification, enzyme kinetics, computational chemistry of biomolecules, and characterization and isolation of nucleic acids. Independent laboratory skills, literature analysis, and proper reporting and interpretation of data will be emphasized. Prerequisites: BIO 363 and CHM 222 or equivalents. (3)

BIO 441L - Biochemistry Lab

A laboratory designed to strengthen and support the topics presented in BIO 441 Biochemistry. (1)

BIO 442 - Nucleic Acids and Metabolism

A continuation of the study that began in BIO 441 that further examines nucleic acid function, including topics such as nucleotide biosynthesis, gene expression and regulation, DNA replication and repair, and RNA transcription and processing. In addition, an in-depth study of the regulation and integration of metabolic pathways will be emphasized. Prerequisite: BIO 441. (3)

BIO 444 - Immunology

Explores the immune response through investigation of relevant organ systems, cell types, and regulatory

interactions. An introduction to aberrant immune responses is also provided. Prerequisite: BIO 363. (3)

BIO 446 - Animal Virology

Examines the principles of animal virus structure and replication with an emphasis on viruses that pose a significant health risk to humans. Mechanisms of disease production are explored. Prerequisite: BIO 363. (3)

BIO 449 - Advanced Molecular Biology

The majority of this class is spent in the laboratory since it emphasizes hands-on exploration of the techniques currently employed in research, forensic, and diagnostic laboratories. Prerequisite: BIO 363. (4)

CCS - Counseling Career Services

CCS 399 - Career Strategies and Success

This experiential course is designed to introduce students to the job search process and to strategies that enhance career success. Drawing upon the fields of human resource management and career development, students will hone job search skills, write job search correspondence, and learn how to research industries and career fields. (1)

CHM - Chemistry

CHM 110 - Science of Light and Color

An introduction to the science of art and vision. The course covers the properties of light, the chemical nature of matter, and how light and matter interact. Activities emphasize the science behind artistic products and perception. Liberal Arts Core/University Requirement Designation: NS. (4)

CHM 125 - Life Chemistry

An introduction to the fundamental principles and theories of chemistry. It includes the study of atomic structure and bonding, kinetic molecular theory, nomenclature, periodic classification of elements, chemical equilibrium, and oxidation-reduction reactions. The course stresses the structure of organic molecules and functional groups and their characteristic reactions. Basic metabolic reactions of the cell are studied including enzyme inhibition, kinetics, and feedback mechanisms. Laboratory work includes quantitative and qualitative analysis and reactions of

functional groups and enzymes. This course does not meet chemistry requirements for health sciences (pre-physical therapy emphasis) majors. This course should also not be taken by psychology majors with an interest in health-related fields. Liberal Arts Core/University Requirements Designation: NS. (3)

CHM 125L - Life Chemistry Lab

A laboratory designed to strengthen and support the topics presented in CHM 125 Life Chemistry. (1)

CHM 151 - Principles of Chemistry I

This course is part of the chemistry sequence for biology majors. The course covers inorganic nomenclature, oxidation-reduction reactions, elementary thermodynamics, atomic and molecular structure, Lewis dot structures, the shapes of molecules, and ideal gases. The laboratory also covers introductory visible spectroscopy. Prerequisite: placement into MA 171 or higher. Liberal Arts Core/University Requirements Designation: NS. (3)

CHM 151L - Principles of Chemistry I Lab

A laboratory designed to strengthen and support the topics presented in CHM 151 Principles of Chemistry I. (1)

CHM 152 - Principles of Chemistry II

This course is part of the chemistry sequence for biology majors. The course covers intermolecular interactions, structure of crystals, properties of solution, kinetics, equilibrium, acid-base chemistry, precipitation equilibrium, thermodynamics, and electrochemistry. Prerequisite: CHM 151. Liberal Arts Core/University Requirements Designation: NS. (3)

CHM 152L - Principles of Chemistry II Lab

A laboratory designed to strengthen and support the topics presented in CHM 152 Principles of Chemistry II. (1)

CHM 221 - Organic Chemistry I

This course is part of the chemistry sequence for biology majors. It covers the nomenclature, structure, reactions, and synthesis of organic compounds. The course is mainly devoted to aliphatic and cycloaliphatic compounds and covers infrared and nuclear magnetic resonance spectroscopy. The laboratory emphasizes the techniques of distillations, recrystallization, extraction, and spectroscopic identification. Prerequisite: CHM 152. (3)

CHM 221L - Organic Chemistry I Lab

A laboratory designed to strengthen and support the topics presented in CHM 221 Organic Chemistry I. (1)

CHM 222 - Organic Chemistry II

This course is part of the chemistry sequence for biology majors. A continuation of CHM 221, this course covers the chemistry of carbonyl-containing compounds, aromatics, polyenes, amines, and carbohydrates. Also covered are UV-visible and mass spectroscopy. An emphasis is placed on organic synthesis and mechanisms. The laboratory applies techniques learned in CHM 221 to synthesize a variety of organic compounds. Prerequisite: CHM 221. (3)

CHM 222L - Organic Chemistry II Lab

A laboratory designed to strengthen and support the topics presented in CHM 222 Organic Chemistry II. (1)

CHM 225 - Environmental Chemistry

This course familiarizes the student with the chemistry of the natural environment, including the atmosphere, ocean-atmosphere cycles, groundwater, and soils. Anthropogenic perturbations on these systems will also be studied. Prerequisite: CHM 152. (3)

CHM 421 - Project

An investigation of a selected topic in physical science in collaboration with or under the direction of a faculty advisor. The project is intended to demonstrate the ability to conduct and report independent research. Prerequisite: approval of the department chair. (1-3)

CHM 433 - Research

A student in this course will conduct collaborative research (scholarly work leading to new knowledge) under the direction of a faculty member. Prerequisite: application and approval of department chair. Liberal Arts Core/University Requirements Designation: EXP. (1-6)

CHM 441 - Physical Biochemistry

This course explores how the fundamental laws of thermodynamics determine both the formation of complex biological molecules and their three-dimensional structure. In addition, students will investigate rates of reactions, including enzymatic reactions and protein and nucleotide folding reactions. Students will also learn how molecular models and spectroscopy are combined to determine the structure of

molecules. Prerequisites: CHM 222 and MA 181 or MA 172, or permission of the instructor. (3)

CJ - Criminal Justice

CJ 200 - Careers in Criminal Justice

Provides students with an introduction to the field of criminal justice. It offers information about the undergraduate curricula in criminal justice at Marymount as well as career opportunities available in the field with the B.A. or B.S. degree. Students will have an opportunity to explore personal career interests, including graduate training options. The course is designed for students who are majoring, or planning to major, in criminal justice. (1)

CJ 201 - Principles of Forensic Science

An examination of investigative and laboratory techniques used in the investigation of criminal offenses. Also examined are methods for searching crime scenes, analysis of firearm evidence, fingerprints, serology (including DNA), toxicology, questioned documents, and drugs. Major crimes, death investigation, and pathology are also explored. (3)

CJ 202 - Principles in Forensic Science II

A continuation of the introduction to investigative and laboratory techniques used in the forensic analysis of criminal offenses. Forensic pathology, anthropology, and toxicology are examined, as well as firearm, toolmark, trace material, questioned document, drug, arson, and bombing evidence. Major emphasis is placed on the legal aspects of evidence, including investigator and examiner documentation and reporting, and courtroom process and testimony. Prerequisite: CJ 201. (3)

CJ 205 - Crime, Media, and Culture

Provides an overview of the relationships of mass media, crime, criminal justice, and culture. In particular, the course will address the social construction of crime, crime and justice in the mass media, the media's effects on attitudes toward crime and criminal justice, the media as a cause of crime, the media's influence on the judicial system, etc. Such topics will be addressed using a sociological perspective, thus necessitating the analysis of the media's relationship to sociological and criminological theories. (3)

CJ 207 - Juvenile Justice

A systematic study of the history and purpose of the juvenile justice system that includes examination of the role of the U.S. Supreme Court. The course also evaluates the extent and nature of juvenile delinquency and addresses the physical, emotional, and societal problems faced by juveniles today. Other topics covered are the treatment and punishment of juvenile offenders, modern juvenile subcultures, and controversial issues in juvenile justice. (3)

CJ 208 - Principles of Forensic Science

This is a temporary course to be offered one time at Bishop O'Connell High School. (3)

CJ 209 - The Criminal Justice System

An overview of the formal mechanisms of social control as manifested by the components of the criminal justice system (legislatures, law enforcement, courts, and corrections). Also examined are alternatives to formal processing including diversion, pretrial screening, and dispute settlement programs. Liberal Arts Core/University Requirements Designation: DSINQ. (3)

CJ 250 - Deviant Behavior

Current theories of the genesis and distribution of deviant behavior and implications for a general theory of deviance. Definitions of deviance, social control, labeling theory, and secondary deviance are explored. Prerequisite: SOC 131, SOC 200, or SOC 203. (3)

CJ 300 - Writing for Criminal Justice

The purpose of this course is to teach undergraduate students to communicate facts, information, arguments, analysis, and ideas effectively in a simple, clear, and logical manner using various types of criminal justice reports and research papers. Students will practice interviewing and writing up interview field notes, résumé writing, report writing, written legal analysis, and research writing. Prerequisites: EN 101 and EN 102 with a minimum grade of C- and CJ 209. Liberal Arts Core/University Requirements Designation: WI. (3)

CJ 302 - Introduction to Counterintelligence and Terrorism

Provides an introduction to counterintelligence, with a focus on the evolution of contemporary counterintelligence in military, government, and pseudo-government organizations, both domestically and internationally. The course will also address terrorism as a criminally violent tactic used to achieve

political or social goals and will examine individuals and groups, their motives and tactics, and how government and law enforcement have responded through investigation, prosecution, and punishment. Prerequisite: CJ 209. (3)

CJ 304 - Applied Research Methods

An examination of the techniques and resources of applied social research. Emphasis is placed on quantitative research techniques, survey research, program evaluation, and the ways in which research informs social and public policy. Prerequisites: SOC 131 (required), EN 102 (required), MA 132 (recommended). Liberal Arts Core/University Requirements Designation: DSINQ, WI. (4)

CJ 305 - Criminology

Examines crime in the United States through the lens of sociology, based on the assumption that one cannot understand crime without viewing it in its social and cultural contexts. Prerequisite: SOC 131, SOC 200, or SOC 203. Liberal Arts Core/University Requirements Designation: SS-2. (3)

CJ 310 - Policing in American Society

A survey of the history, development, environment, organization, and sociology of American law enforcement with an emphasis on state and local police agencies. Topics examined include police as service agency, police as government entity, and police as component of the national criminal justice system. Prerequisite: CJ 209. (3)

CJ 311 - Correctional Institutions

An overview of the theories, history, and functions of punishment and corrections in America. Topics examined include the origin and development of prisons and jails, prison administration, community-based corrections, legal rights of offenders, sentencing, parole, and capital punishment. Prerequisite: CJ 209. (3)

CJ 312 - Criminal Justice Management

A behavioral-systems approach to traditional and contemporary management models as they relate to criminal justice agencies. Emphasis is placed on administrative problem solving, organization and management theory, planning and research, social science, and psychology and sociology as they relate to communication and supervision. Case studies are used to facilitate learning. Prerequisite: CJ 209. (3)

CJ 313 - Recognition and Recovery of Human Remains

Students will experience this in-depth, hands-on clandestine excavation class, which will include locating, organizing, documenting, and recovering human remains. This course is an applied field course that allows students to combine classroom and textbook knowledge with the practical application of that knowledge in a controlled environment conducive to learning. Students will consist of both traditional Marymount students and practitioners in the field, allowing for a unique learning environment, networking opportunities, and opportunity to promote Marymount and its programs in the professional community. Prerequisite for Marymount students: CJ 201. (3)

CJ 314 - Principles of Criminal Investigations

This course provides students an opportunity to not only understand the complex nature of police investigations by introducing them to the process, but also to delve more into the various academic fields that underlie key investigative steps and processes, including psychology, sociology, and the hard sciences. Prerequisites: CJ 201 and CJ 202. (3)

CJ 315 - Current Issues in Forensics and Criminal Investigations

This course provides students an opportunity to be exposed to and discuss some of the most prominent issues within this area of study, including recent legal decisions that impact procedural law and investigative methods, technological advances, ethical standards and their role in investigations, and the movement of the forensic sciences toward accreditation and standardization. Students also will discuss how current issues in policing, such as mental health concerns or officer-involved shootings, impact investigations. Prerequisites: CJ 201 and CJ 202. (3)

CJ 320 - Cybercrime and Digital Terrorism

This course provides an overview of the actors, motives, and methods used in the commission of computer-related crimes and describes the methods used by organizations to prevent, detect, and respond to these crimes. The course will also focus on different types of crimes and the nature of crimes that are committed using computers. Prerequisite: CJ 209 or SOC 305. (3)

CJ 400 - Internship

Practical experience in an applied criminal justice or social service setting. Field experience is supervised and course is open only to senior criminal justice majors.

Prerequisites: a minimum 2.0 cumulative GPA, senior standing, and permission of internship coordinator. Liberal Arts Core/University Requirements Designation: EXP. (3-6)

CJ 421 - Project

Designed to provide for the application of the knowledge, skills, and strategies acquired and developed through the student's academic program. The project is intended to tie the student's professional goals and coursework with practical application and current research-based data of the discipline. Students will be asked to delve deeply into a specific topic; develop an innovative solution to a discipline-specific problem; design and construct an expressive art/literature/technological creation; or explore an area of study, a process, a topic, or a medium that is not otherwise available through the current curriculum. (1-3)

CJ 433 - Research

A student in this course will conduct collaborative research (scholarly work leading to new knowledge) under the direction of a faculty member. Prerequisite: application and approval of department chair. Liberal Arts Core/University Requirements Designation: EXP. (1-6)

CJ 495 - Senior Seminar

This capstone course provides an in-depth examination of current issues and social challenges that impact both the criminal justice system and society as a whole. For students nearing the completion of their coursework in criminal justice and sociology, this course builds on the knowledge and skills they acquired earlier in their academic careers. Prerequisites: CJ 304, EN 102, and SOC 305; senior standing; and permission of the instructor. Liberal Arts Core/University Requirements Designation: DSINQ, WI. (3)

COMM - Communication

COMM 100 - Introduction to Media Communication

This course introduces students to a critical approach to evaluating the media and popular culture. Primary-source materials in the media will be examined. Students will analyze, interpret, and evaluate how a variety of media work and interact with culture. The genres examined include music, the internet, social media, TV, film, news, books and magazines, and

advertising. The course will cover major issues concerning the media, including ethics, the history and power of the media in several genres, the economics of the media and other forces that may determine content, and political and cultural aspects of the media. Communication majors must receive a grade of C- or higher. (3)

COMM 101 - Public Speaking

Students gain knowledge of principles and theories of oral communication regarding the design, creation, and delivery of several types of speeches; analysis of the audience and public speaking situation; and experiential practice in both public speaking performance and evaluation. Communication majors must receive a grade of C- or higher. (3)

COMM 201 - Research Methods in Communication

Through this broad-based qualitative methods course, students will develop a working knowledge of text-based qualitative methods and different types of fieldwork used in communication research. Text-based methods include grounded theory, textual analysis, content analysis, news framing analysis, and rhetorical analysis. Fieldwork includes ethnography, observation, interview, and focus groups. Opportunities for practice using the various methods will be provided through exercises involving the practical application of methods to the collection and analysis of data. Students will look at research exemplars and practical instructions on how to investigate cultures. Students will demonstrate competence in their chosen method(s) through an original research proposal. Prerequisite: EN 102. (3)

COMM 204 - Video Production: Multimedia Communication

This course explores various techniques, digital technology, and equipment for video storytelling. Students experience hands-on preproduction, production, and postproduction techniques. Students plan and produce multimedia journalistic video stories. (3)

COMM 206 - Introduction to Public Relations

This introductory survey course emphasizes the basic concepts and principles of public relations; the theory and history behind the practice; and the uses, tools, methods, and technologies of public relations. Also covered are the general types of public relations practices, including corporate, firm, institutional, nonprofit, government, political, sports, entertainment,

and international. Communication majors must receive a grade of C- or higher. (3)

COMM 209 - Contemporary Journalism

This course provides a broad overview of journalism as a communication medium with an emphasis on developing the reporting and writing skills required to work in the 21st century communication environment. The course will teach students to gather, organize, and write effective news reports on deadline and according to acceptable professional standards. The course will include discussions of current events and issues that arise in the news. Communication majors must receive a grade of C- or higher. Prerequisite: EN 102. Liberal Arts Core/University Requirements Designation: DSINQ, WI. (3)

COMM 220 - Intercultural Communication

This course introduces students to the influences and effects of cultural variability on the communication process and its outcomes with regard to family, religious, government, education, health, and business institutions. Particular emphasis will be given to the inseparability of culture and communication; intercultural theories; cultural and interpersonal adaptations; and ethnolinguistic, religious, and national identities. Content functions to aid the student in developing successful communication competencies, strategies, and skills necessary for increased contact with diverse cultures, as well as for success in international and multicultural societies. Liberal Arts Core/University Requirements Designation: GP. (3)

COMM 302 - Public Relations Writing and Media Techniques

This course focuses on the applications of public relations theory, techniques, and principles. Students learn the writing and style requirements of different media, including print, broadcast, web, and social media. They develop writing skills in preparing print and digital news releases, newsletters, and other print and social communication materials as part of publicity and promotion campaigns, as well as strategic planning and audience identification. Prerequisites: EN 102 and COMM 206. (3)

COMM 304 - Media Criticism

This course is designed to foster critical inquiry and analysis as students learn to use rhetorical criticism as it relates to media. Students will apply method(s) of rhetorical criticism to a wide variety of messages in our contemporary, increasingly mediated society, including,

but not limited to, speeches, advertisements, news reports, television programs, films, songs, and music videos. Prerequisite: EN 102. Liberal Arts Core/University Requirements Designation: DSINQ, WI. (3)

COMM 307 - Broadcast Writing and Delivery

This course focuses on gathering, writing, producing, and delivering news for radio and television. The course includes practice writing news for broadcast, working with taped material, and on-air performance. Prerequisite: EN 102. (3)

COMM 310 - Career and Professional Communication

Provides guided experiences that develop career-related oral communication skills such as listening, interviewing, communicating in small groups, and persuasion. Students practice these skills in classroom exercises and in videotaped sessions, and they explore how the skills are applicable in professional environments. Prerequisite: EN 102. (3)

COMM 315 - Writing for Digital Media

Drawing from the fields of marketing, communication, sociology, and statistics, students learn about the social media tools that are currently shaping our lives and changing how we interact with the world. From Twitter to Facebook, participants learn how to manage these tools, for personal and professional use, as well as how to orchestrate a persuasive social media campaign. Because being effective and persuasive online requires excellent written communication skills, this course requires considerable writing, both on the page and on the screen. Prerequisite: EN 102. Liberal Arts Core/University Requirements Designation: WI. (3)

COMM 399 - Topics in Communication

Advanced topic areas within the field of communication studies not already covered by regular course offerings will be offered. Topics will vary by instructor. Potential topics may include journalism and politics, gender and communication, communication theory, and communication methods. Course may be repeated for credit up to three times with new topics. Prerequisite: EN 102. (3)

COMM 400 - Internship

Senior students may register for a field experience or an internship in a cooperating research or media communication agency in the Washington metropolitan area under the supervision of an instructor. Prerequisites: senior status and permission of the dean

of the School of Design, Arts, and Humanities. Liberal Arts Core/University Requirements Designation: EXP. (3)

COMM 401 - Public Relations Case Studies

Examines solutions to public relations problems through an analysis of actual corporate and association cases. Emphasizes successful public relations management and practice through the systematic application of defining, planning and programming, acting and communicating, and evaluating results. Prerequisite: a grade of C- or better in COMM 206. (3)

COMM 402 - Organizational Communication

A study of communication research and its application to industrial and organizational systems. Particular emphasis will be given to organizational communication theory, message processing, networks, and channels of communication; leadership and managerial behavior; systems theory and organizational structures; climate and culture; decision making and managing conflicts; diversity and globalization; and the communication audit. Prerequisite: junior/senior status or permission of instructor. Liberal Arts Core/University Requirements Designation: DSINQ. (3)

COMM 403 - Principles of Communication Law

Examines the historical development of communications-related law and the interlocking technological, economic, political, and social issues affecting policies that guide and regulate the nation's media and communications systems. Emphases include First Amendment and privacy law and the Federal Communications Commission's regulation of interstate and international communications by radio, television, wire, satellite, and cable. Prerequisite: junior/senior status or permission of instructor. (3)

COMM 421 - Project

An investigation of a selected topic in the major discipline. The project is intended to demonstrate the ability to conduct independent research and present the results as a communication and media design project with writing of commendable quality. Repeatable course for up to six (6) credits. Prerequisite: permission of the dean of the School of Design, Arts, and Humanities. (1-6)

COMM 425 - Senior Seminar in Communication

This capstone course synthesizes the topical areas and theoretical traditions in the discipline so that students begin to understand humankind's capacity to fashion

symbols and well-designed messages in a variety of situations, via any number of channels. Students will gain knowledge and understanding of communication theories, practices, trends, and problems, and they will develop expertise in research methodology and in writing a major research paper. Prerequisites: senior status, including the completion of 36 credits in the communication major. Liberal Arts Core/University Requirements Designation: DSINQ. (3)

COMM 433 - Research

A student in this course will conduct collaborative research (scholarly work leading to new knowledge) under the direction of a faculty member. Repeatable course for up to six (6) credits. Prerequisite: application and approval of department chair. Liberal Arts Core/University Requirements Designation: EXP. (1-6)

DSC - Discover

DSC 101 - DISCOVER First-Year Seminar

This class is designed to introduce new first-year students to Marymount University and learning in higher education. Each course section features a unique theme, emphasizing active learning, student engagement, service, and inquiry, which allows students to begin to develop intellectual skills and attitudes that are essential for success in college and for lifelong learning. Through participation in a variety of activities and with the support of their peer mentor, instructors, and classmates, students will improve their understanding of the intellectual, social, and emotional challenges of university life and apply this knowledge to themselves. Liberal Arts Core/University Requirements Designation: DSINQ. (3)

DSC 201 - Transfer Student Experience Seminar

This class introduces new transfer students to Marymount University and to the inquiry model of learning. The course aims to ease the transition to a new university through a focus on fundamental liberal arts skills: inquiry, critical thinking, information literacy, communication, and service, as well as participation in a variety of collaborative activities that offer positive interaction and support from a peer mentor, instructor, and classmates. The course also makes use of the Washington area's rich resources. This course is required of all students transferring between 12 and 59 credits to the university and any nontraditional students having significant work or life experience transferring

fewer than 12 credits to the university. Second-degree nursing students are exempt from this requirement. The course should be taken in the first semester at Marymount. Liberal Arts Core/University Requirements Designation: DSINQ. (1)

ECO - Economics

ECO 210 - Principles of Microeconomics

Explores the market mechanism, with a detailed examination of supply and demand and applications to monopoly power, externalities, resource markets, and instruments of social action. Prerequisite: MGT 123 or any 100-level or higher mathematics course. Liberal Arts Core/University Requirements Designation: SS-1. (3)

ECO 211 - Principles of Macroeconomics

Examines the measurement and determination of aggregate levels of income and output, employment, and prices. The role of the central bank and the impact of government spending and taxation are examined as well. Prerequisite: MGT 123 or any 100-level or higher mathematics course. Liberal Arts Core/University Requirements Designation: SS-1. (3)

ECO 301 - Financial Economics

This course examines the functions of various financial instruments, the markets in which they trade, and the financial institutions that support them. Students will master the basics of time value of money, valuation of financial instruments, and risk management techniques. Students will also explore the impact of the financial sector on the real economy by discovering how the financial sector supports economic activity and describing how the absence of critical financial elements can undermine economic growth. Finally, students will identify the mechanisms through which financial crises reverberate through the real economy. Prerequisite: a grade of C- or better ECO 210 or ECO 211. (3)

ECO 304 - Environmental Economics

Explores the application of economic analysis to issues of natural resources and the environment. Topics include environmental externalities, environmental cost-benefit analysis, common property resources, alternative pollution control measures, climate change, and the relationship between environmental quality and economic growth. Prerequisite: ECO 210 or ECO 211

with a grade of C- or better. Liberal Arts Core/University Requirements Designation: SS-2. (3)

ECO 305 - Business and Economics of Sports

Uses microeconomic principles to explore the decisions of owners and business managers in the sports industry. Topics include players' salaries and union contract negotiations, ticket sales, the market for broadcast rights, and stadium financing. The course also examines the economics of collegiate sports and the expanding international markets in broadcast rights, athletes' contracts, and team paraphernalia. Prerequisite: ECO 210 with a grade of C- or better or permission of the instructor. Liberal Arts Core/University Requirements Designation: DSINQ, SS-2. (3)

ECO 309 - Economic & Business History of the U.S.

This course surveys the American economic condition from colonial days to the present. Economic developments within the United States are placed in the context of social and demographic changes, technological developments, fiscal and regulatory policies, and world events. Linkages between broad economic trends and individual businesses will be explored by juxtaposing key historical macroeconomic developments with the history of industries chosen by the students. (3)

ECO 310 - Intermediate Microeconomics

This course focuses on the following topics: basic theory of consumer behavior; production and costs; partial equilibrium analysis of pricing in competitive and monopolistic markets; general equilibrium; welfare; and externalities. Knowledge of basic concepts is assumed, and new tools are developed to analyze individual decision making under constraints. Students will learn to solve and analyze consumer and firm maximization problems, imperfect competition models, and game theory fundamentals. Most of the topics will include theoretical derivations as well as real-life applications. This course is recommended for students planning to apply to graduate school in economics, accounting, or finance. Prerequisite: ECO 210 (minimum grade of C-). Liberal Arts Core/University Requirements Designation: SS-2. (3)

ECO 311 - Intermediate Macroeconomics

Macroeconomics is the study of aggregate economic activity. This course provides a comprehensive overview of macroeconomics. We study how

economists model macroeconomic relationships and the theoretical debate over the nature of these relationships. The central ideas of macroeconomics are useful in understanding long-run economic growth and short-term economic fluctuations. In addition, we will learn about two main macroeconomic policy tools of the government — fiscal and monetary policy. Building on the theory of modern macroeconomics, this course evaluates the possibilities and limitations of government policy in dealing with business cycles, inflation, unemployment, and growth. Prerequisite: ECO 211 (minimum grade C-). Liberal Arts Core/University Requirements Designation: SS-2. (3)

ECO 330 - Managerial Economics

An application of microeconomics. Topics include estimation of demand, production and cost functions, and optimal pricing and output decisions under various market structures. Prerequisite: ECO 210. Liberal Arts Core/University Requirements Designation: DSINQ. (3)

ECO 332 - Money and Banking

An analysis of the American banking system, monetary theories, and monetary policies with an emphasis on the economic importance of the Federal Reserve System. Prerequisite: ECO 211. Liberal Arts Core/University Requirements Designation: SS-2. (3)

ECO 335 - Econometrics

This course covers the statistical tools needed to understand empirical economic research and to plan and execute independent research projects. Topics include statistical inference, regression, generalized least squares, dummy variables, instrumental variables, simultaneous equations models, and evaluation of government policies and programs. Prerequisites: ECO 210, ECO 211, and MA 132 or MA 218 (minimum C- in each course). (3)

ECO 350 - Economics of Poverty

What are the lives of the poor like? Will poor countries remain poor? What is poverty like in the United States? What factors contribute to poverty? What leads to prosperity? What policies might help? This course explores why extreme poverty, child mortality, poor health, low levels of education, gender inequality, environmental degradation, high fertility, and child labor are pervasive in the developing world and why poverty remains persistent in the United States. Prerequisite: ECO 210, ECO 211, or permission of the instructor. Liberal Arts Core/University Requirements Designation: GP, SS-2. (3)

ECO 353 - Law and Economics

Whoever said that crime never pays? Should tobacco companies be liable for smokers' health care costs? Law and Economics identifies how to design legal rules that provide the greatest good to the greatest number. We will use the principles of law and economics to better understand intellectual property, tobacco litigation, employment discrimination, automobile accident law, land use regulation, nuisance law, contract law, and criminal law. Prerequisite: ECO 210. Liberal Arts Core/University Requirements Designation: SS-2. (3)

ECO 363 - Behavioral Economics

How do limitations in the ability to think and know affect economic decision making? Are people really as rational as economists often assume them to be? Behavioral economics studies how cognitive limitations, biases, social influence, uncertainty, and emotions affect individuals' economic decision making. A brief overview of how economists use experimental methods in laboratory environments to study experimental economics will be covered, and the implications of behavioral economics on policy will be explored. Prerequisite: ECO 210 or permission of the instructor. Liberal Arts Core/University Requirements Designation: SS-2. (3)

ECO 401 - Economics of Regulation

An exploration of the theories of the regulation of economic activity, its application, and its implications. Topics will include why and how the government regulates some type of economic activity (antitrust, industrial, and social policies) and how to economically design and assess the regulation policy. Prerequisite: ECO 210. (3)

ECO 431 - Contemporary Issues in Economics

A selected group of substantive macroeconomic theories and issues will be explored in-depth, using a variety of current sources and the various tools of macroeconomic analysis. Prerequisites: ECO 210, ECO 211, and EN 102. Liberal Arts Core/University Requirements Designation: DSINQ, WI, SS-2. (3)

ECO 433 - Research

A student in this course will conduct collaborative research (scholarly work leading to new knowledge) under the direction of a faculty member. Prerequisite: application and approval of department chair. Liberal Arts Core/University Requirements Designation: EXP. (1-6)

ECO 450 - Research Methods in Economics

This course provides an overview of research methods and academic writing skills useful for economics, including probability, statistics, econometric analysis, academic writing, and library and journal research. Prerequisite: MA 132 or above and ECO 210, ECO 211, or permission of the instructor. Liberal Arts Core/University Requirements Designation: DSINQ, WI. (3)

ECO 451 - Senior Seminar in Economics

An opportunity for assisted, self-directed study of a topic of interest. The study will culminate in a paper and oral presentation. Prerequisite: 12 credits in economics courses numbered above 300. (3)

ECO 485 - International Economics

An introduction to the theory of international trade and finance with an emphasis on exchange markets, trade policies, factor movements, and the interrelationship of the domestic and international economy. Prerequisites: ECO 210 and ECO 211. Liberal Arts Core/University Requirements Designation: GP. (3)

ECO 490 - Internship

Senior students may register for field experience in cooperating Washington metropolitan area firms or organizations. The internship is monitored by the School of Business and Technology director of internships in the Center for Career Services and a representative of the cooperating company. Prerequisites: permission of School of Business and Technology director of internships in the Center for Career Services; minimum of nine (9) credits in 300/400-level economics courses; minimum of 90 credits in the program with a cumulative GPA of 2.0 or better; and a cumulative GPA of 2.0 or better in all economics courses. Liberal Arts Core/University Requirements Designation: EXP. (3)

ED - Education**ED 200 - Foundations of Teaching and Learning**

This is the first course in the undergraduate teacher licensure program and is designed to explore education and teaching as a profession. The philosophical, historical, legal, and societal aspects of education in the United States will be stressed. The course will also offer a look at the contemporary issues that affect students and schooling. Rudimentary curriculum design based on

an understanding of the relationships among assessment, instruction, and monitoring student progress and how assessment is used to make decisions to improve instruction and student performance will also be addressed. Field experience: 10 hours. Prerequisite: 24 or more earned credit hours. (3)

ED 254 - Technology for the K-12 Classroom

An introductory, hands-on course designed to prepare pre-service teachers to use the current technologies that are found in the K-12 classroom. Additionally, students will be prepared to meet the technology standards set for teachers by the Virginia Department of Education. Prerequisite: a grade of C or better in ED 200. (3)

ED 301 - Foundation of Literacy Development

Designed to provide an understanding of how children develop language and grow into literacy. The nature of reading, writing, and language acquisition is emphasized, and an examination of second language learners and cultural diversity are included. Field experience: 10 hours. Prerequisite: ED 200 with a grade of C or better. Liberal Arts Core/University Requirements Designation: INQ. (3)

ED 323 - Literacy Instruction: Diagnosis and Corrective Strategies

Focuses on the characteristics of reading disabilities, the identification/analysis of reading disabilities, and intervention strategies appropriate for students with reading disabilities. Additionally, the class will address the prevention of reading failure and strategies for the collection and analysis of reading behavior. Field experience: 20 hours. Prerequisites: a grade of C or better in ED 200 and PSY 341. (3)

ED 329 - Collaborative Models for Special Education

Designed for students to become knowledgeable in collaboration and communication skills and models within special education settings, which includes families, community agencies, and nondisabled peers. Assistive and instructional technology that is used to gain access into the general curriculum is also addressed. Field experience: 10 hours. Prerequisites: a grade of C or better in ED 200 and PSY 341. (3)

ED 337 - Literacy in the Content Areas

Helps students develop the background knowledge and instructional strategies needed to become effective teachers of literacy within their chosen content areas. Topics will include an overview of theoretical models of the reading process as well as practical strategies for

developing reading comprehension, vocabulary knowledge, and study skills. The Virginia Standards of Learning are used as the framework for this course. Field experience: 20 hours. Prerequisites: grade of C or better in ED 200 and PSY 341. (3)

ED 338 - Secondary Education: Curriculum and Methods

This course provides a sound foundation in the principles of effective curriculum development and instructional delivery for students who are preparing to teach in today's diverse classrooms at the secondary level. Field experience: 20 hours. Prerequisite: a grade of C or better in ED 200. (3)

ED 339 - Individualized Education Programs and Strategies for the General Curriculum

Designed for students to become knowledgeable about individualized education program (IEP) implementation in a K-12 setting. This includes demonstrating the use of assessment tools to make decisions about student progress within the general education curriculum; teaching remediate deficits in academic areas; understanding the scope and sequence of the SOLs; promoting high academic, social, and behavior standards; and implementing and monitoring IEP-specified accommodations within the general education classroom. Field experience: 10 hours. Prerequisites: a grade of C or better in ED 200 and PSY 341. (3)

ED 345 - Transition, Family, and Community Services for Individuals with Disabilities

Designed to provide educators with a broad overview of the rationale for career and transition programming critical to the development of children and youth with disabilities and to present the various program options that are currently available. The knowledge and understanding of the importance of counseling and working with families of students with disabilities will be explored. The availability of community resources to assist both parents and children with disabilities will also be discussed. Prerequisites: a grade of C or better in ED 200 and PSY 341. (3)

ED 351 - Assessment to Support Learning in K-12

This course is designed to help students select and develop curriculum and expand the skills needed to appropriately assess learning in K-12 classrooms. Students will learn to administer and analyze results of externally produced and teacher-produced assessments in order to set goals for achievement and to design instruction that will help K-12 learners meet set goals.

The course will focus on the design and use of appropriate assessment instruments to meet the needs of all learners and on the accountability issues that surround assessment in K-12 schools. Field experience: 10 hours. Prerequisite: a grade of C or better in ED 200. (3)

ED 355 - Literacy Instruction for Diversity Learners: PK-2

Introduces pre-service teachers to the teaching of reading by exploring the nature of the reading process and the major approaches and skills needed to enhance literacy learning in the classroom for students in grades PK-2. Various strategies for teaching spelling, writing, vocabulary and comprehension are well as creative arts and technology to reinforce the development of early literacy skills for diverse classrooms are emphasized. Field experience: 20 hours. Prerequisite: a grade of C or better in ED 200. (3)

ED 356 - Literacy Instruction for Diverse Learners: Grades 3-6

Using the Virginia Standards of Learning as the framework, students will explore the relationships among reading, writing, speaking, and listening in the context of an upper-elementary classroom. Various strategies for teaching writing, spelling, fluency, vocabulary, and comprehension will be emphasized. Assessment strategies are examined to aid with differentiating instruction and meeting student strengths and needs. Field experience: 20 hours. Prerequisites: a grade of C or better in ED 200. (3)

ED 357 - Teaching Social Studies and Visual Arts

Designed to familiarize students with history and social studies instruction in elementary classrooms and methods of integrating social studies with other content areas. Emphasis is placed on developing planning and using assessment strategies that help teachers differentiate instruction through the use of multiple instructional models and developing strategies to help children understand their world through literature, art, music, drama, and dance. Supervised field experience will provide the opportunity to observe strategies that are introduced. Field experience: 10 hours. Prerequisites: a grade of C or better in ED 200 and PSY 341. Liberal Arts Core/University Requirements Designation: WI. (3)

ED 358 - Teaching Mathematics and Science

Designed to help students develop an understanding of how elementary children develop math and science

knowledge and skills. This course also supports the development of appropriate attitudes and instructional strategies to teach math and science in grades PK-6, with a focus in overcoming errors and misconceptions. Applied methods for teaching elementary math and science will be demonstrated, using manipulatives, natural objects, technologies, and other tools of science and measurement while implementing engineering and design activities through Project Based Learning, an inquiry model. Field experience: 20 hours. Prerequisites: a grade of C or better in ED 200 and PSY 341. (6)

ED 366 - Secondary Teaching Methods in Science

Pre-service teachers will engage in integrating content, professional and pedagogical knowledge, and skills to devise learning experiences, which are meaningful to secondary students. Utilizing investigations, central concepts of the content area, and inquiry, this course will allow students to explore topics in curriculum, assessment, and classroom procedures and resources. Incorporation of national, state, technology, and college and career-ready performance expectations will be addressed. Field experience: 20 hours. Prerequisite: a grade of C or better in ED 200 and PSY 341. (3)

ED 367 - Secondary Teaching Methods in History and Social Science

Pre-service teachers will engage in integrating content, professional and pedagogical knowledge, and skills to devise learning experiences that are meaningful to secondary students. Utilizing investigations, central concepts of the content area, and inquiry, this course will allow students to explore topics in curriculum, assessment, classroom procedures, and resources. Incorporation of national, state, technology, and college and career-ready performance expectations will be addressed. Field experience: 20 hours. Prerequisite: grade of C or better in ED 200 and PSY 341. (3)

ED 368 - Secondary Teaching Methods in English

Pre-service teachers will engage in integrating content, professional and pedagogical knowledge, and skills to devise learning experiences, which are meaningful to secondary students. Utilizing investigations, central concepts of the content area, and inquiry, this course will allow students to explore topics in curriculum, assessment, and classroom procedures and resources. Incorporation of national, state, technology, and college and career-ready performance expectations will be addressed. Field experience: 20 hours. Prerequisite: a grade of C or better in ED 200 and PSY 341. (3)

ED 369 - Secondary Teaching Methods in Mathematics

Pre-service teachers will engage in integrating content, professional and pedagogical knowledge, and skills to devise learning experiences, which are meaningful to secondary students. Utilizing investigations, central concepts of the content area, and inquiry, this course will allow students to explore topics in curriculum, assessment, and classroom procedures and resources. Incorporation of national, state, technology, and college and career-ready performance expectations will be addressed. Field experience: 20 hours. Prerequisite: a grade of C or better in ED 200 and PSY 341. (3)

ED 421 - Project

An investigation of a selected topic in the major emphasis area under the direction of a faculty advisor. The project is intended to demonstrate the ability to conduct independent research and present the results in writing of commendable quality. Prerequisite: permission of instructor. (3-9)

ED 449 - Strategies for Behavior Management for the Special Educator

Designed to help future special education teachers identify, record, evaluate, and intervene with special education students who are accessing the general curriculum of the school. The course teaches behavior management assessments, techniques, and interventions for special educators within schoolwide, classroom, and individual settings, including functional behavioral assessment. Developing classroom and individual behavior management plans will be emphasized. Prerequisite: permission of the ECE Office. Corequisite: for Special Education licensure students, ED 460SE. (3)

ED 452 - Managing the K-12 Classroom

Designed for students to become knowledgeable on principles and best practices of effective classroom management techniques, individual intervention strategies, and classroom community building in developmentally appropriate ways within the K-12 setting. Students will also become knowledgeable of diverse approaches for effective classroom management based on behavioral, cognitive, affective, social, and ecological theory and practice. Corequisite: ED 460E or ED 460S. Prerequisite: permission of ECE office. (3)

ED 460E - Student Teaching: PK-6

Supervised clinical experience in an elementary (PK-6) school site for 14 weeks. Readings, seminar attendance, and completion of a teacher work sample and professional portfolio are required. Prerequisites: Students must apply for student teaching, fulfill all admission requirements as outlined in the University Catalog and Undergraduate Handbook, and obtain permission of the ECE Office. Corequisite: ED 452. Liberal Arts Core/University Requirements Designation: EXP. (6)

ED 460S - Student Teaching: Secondary

Supervised clinical experience in a school site (grades 6-12) for 14 weeks. Readings, seminar attendance, and completion of a teacher work sample and professional portfolio are required. Prerequisite: Students must apply for student teaching, fulfill all admission requirements as outlined in the University Catalog and Undergraduate Handbook, and obtain permission of the ECE Office. Corequisite: ED 452. Liberal Arts Core/University Requirements Designation: EXP. (6)

ED 460SE - Student Teaching: Special Education

Supervised clinical experience in a school site (K-12) for 14 weeks. Readings, seminar attendance, and completion of a teacher work sample and professional portfolio are required. Prerequisite: Students must apply for student teaching, fulfill all admission requirements as outlined in the University Catalog and Undergraduate Handbook, and obtain permission of the ECE Office. Corequisite: ED 449. Liberal Arts Core/University Requirements Designation: EXP. (6)

EN - English**EN 090 - Introduction to College Reading**

A developmental course in reading and study skills improvement with emphasis on vocabulary building, improved comprehension, effective note taking and study skills, and critical reading. A minimum grade of C- is necessary for successful completion of this course. Credits may not be applied toward any degree. (2)

EN 100 - Introduction to College Writing

A college-level course designed to develop writing skills through analysis of the writing process and the practice of a variety of techniques and strategies. Emphasis on essay development based on personal experience and observation. Analysis of paragraph

structure and organization as well as audience and purpose. A minimum grade of C- is necessary for successful completion of this course. It does not fulfill major or Liberal Arts Core requirements but counts as an elective. (2)

EN 101 - Composition I

This course focuses on the reading, writing, critical thinking, and research skills that students need to participate effectively in civic discussions and debates. The course explores topics of public significance, particularly those important to the DC metro area, through firsthand research and an examination of new and traditional media. The course culminates in a project that contributes to the public discussion of a topic. A minimum grade of C- is required for enrollment in EN 102 and for graduation. Enrollment: self-placement or successful completion of EN 100. Liberal Arts Core /University Requirements Designation: WR. (3)

EN 102 - Composition II

This course focuses on the reading, writing, critical thinking, and research skills students need to participate effectively in academic discussions and debates. The course explores topics in writing studies through an examination of primary and secondary sources. The course culminates in a position essay that contributes to an academic discussion of a topic. A minimum grade of C- is required for graduation. Prerequisite: EN 101 or equivalent. Liberal Arts Core/University Requirements Designation: WR. (3)

EN 105 - General Writing Workshop

This workshop course exposes students to writing techniques and processes with a focus on the production and revision of student writing. Topics may vary. Repeatable course. (1-2)

EN 150 - Introduction to American Sign Language

This course provides students with an introduction to American Sign Language, Deaf culture, and the Deaf community. Students will develop an understanding of visual gestural communication, American Sign Language — including basic signs and finger-spelling — and a social history of America's Deaf people. (3)

EN 200 - Elements of Literary Study

An introduction to the essential elements of literary analysis in poetry and prose. Cultivates an awareness of literary study as a discipline and the conventions of

literary research and writing. Develops and refines skills of close critical reading and logical argumentation. Open to English majors and minors only. English majors must earn a grade of C or better. Prerequisite: EN 102 or permission of department chair. Liberal Arts Core/University Requirements Designation: DSINQ, WI. (3)

EN 201 - World Literature: The Ancient World

A study of world literature from Gilgamesh and Homer to Virgil and Saint Augustine. Prerequisite: EN 102 or permission of instructor. Liberal Arts Core/University Requirements Designation: LT-1. (3)

EN 202 - World Literature: The Middle Ages

A study of world literature from the late antique to the late medieval periods. Prerequisite: EN 102 or permission of instructor. Liberal Arts Core/University Requirements Designation: LT-1. (3)

EN 203 - World Literature: Renaissance through Enlightenment

A study of world literature from the 15th through the 18th centuries. Prerequisite: EN 102 or permission of instructor. Liberal Arts Core/University Requirements Designation: LT-1. (3)

EN 204 - World Literature: Romanticism through Post-Modernism

A study of major international cultural movements and literary works from the 19th through the 21st centuries. Prerequisite: EN 102 or permission of instructor. Liberal Arts Core/University Requirements Designation: GP, LT-1. (3)

EN 205 - American Literature I

A study of representative American literary works from the colonial period through Reconstruction. Prerequisite: EN 102 or permission of instructor. Liberal Arts Core/University Requirements Designation: LT-1. (3)

EN 206 - American Literature II

A study of representative American literary works from Reconstruction to the present. Prerequisite: EN 102 or permission of instructor. Liberal Arts Core/University Requirements Designation: LT-1. (3)

EN 207 - Theater History

A study of selected periods in the development of theater from the ancient world to the 20th century. This course introduces students to key theatrical traditions

across cultures by focusing on the material contexts of performance in addition to plays as written texts. Prerequisite: EN 102 or permission of instructor. Liberal Arts Core/University Requirements Designation: LT-1. (3)

EN 208 - Digital Approaches to Literature

An introduction to the study of literature enhanced by digital approaches. Students must be comfortable using computers and engaging with new technology in a self-directed way. Prerequisite: EN-102. Liberal Arts Core/University Requirements Designation: LT-1, INQ. (3)

EN 211 - Principles of Language

An investigation of basic constructs and subsystems of English structure as described by grammarians of various theoretical persuasions. (3)

EN 212 - Topics in Acting

An introduction to the stylistic and technical elements of performance. Each semester will focus on the craft of acting for a specific performance medium (stage, screen, live digital webcast). Emphasis on analysis of performance styles, history, and methodologies. This workshop course requires the production and critique of student performance. Repeatable course, provided the student selects different topics. (3)

EN 220 - The Movie or the Book? Narrative Adaptation in the Cinema

A study of narrative strategies in film, looking both at adaptations of the narrative from print to film and at film genres. Films will be examined from a literary perspective, including an introduction to the vocabulary of film studies from various theoretical backgrounds such as feminism, genre studies, and multiculturalism. Special attention to how the choice of media affects storytelling and how visual narratives differ from, or derive from, textual narratives. Prerequisite: EN 102 or permission of instructor. (Also listed as IS 220.) Liberal Arts Core/University Requirements Designation: LT-1. (3)

EN 225 - Literary Superheroes

A study of the "hero" and "superhero" models in European and American literature. Emphasis is placed on the various heroic codes both as literature and as embodiments of popular visions, ideals, and desires of different eras. Prerequisite: EN 102 or permission of instructor. Liberal Arts Core/University Requirements Designation: LT-1, WI. (3)

EN 227 - Short Fiction

Introduction to the formal study of fiction with emphasis on the short story and short novel.

Prerequisite: EN 102 or permission of instructor. Liberal Arts Core/University Requirements Designation: LT-1, WI. (3)

EN 230 - American Multicultural Literature

A study of multicultural literature that challenges definitions of American identity based on assumptions about race, culture, ethnicity, and gender. Emphasis on themes of identity and otherness, marginalization and empowerment, and assimilation and resistance.

Prerequisite: EN 102 or permission of instructor. Liberal Arts Core/University Requirements Designation: LT-1. (3)

EN 240 - Introduction to Film and Visual Studies

An introduction to the core concepts, methods, and vocabularies of film study and visual analysis. This course is required for all students enrolled in the interdisciplinary media and performance studies minor or the media and performance studies concentration of the English major. These students must earn a grade of C or better. Prerequisite: EN 102 or permission of instructor. (Also listed as IS 240.) Liberal Arts Core/University Requirements Designation: LT-1, DSINQ, WI. (3)

EN 270 - Approaches to Creative Writing

An introduction to the stylistic and technical elements of fiction, poetry, creative nonfiction, and writing for performance through close readings of professional examples and writing exercises. This workshop course focuses on the production, critique, and revision of student writing. Prerequisite: EN 102. Liberal Arts Core/University Requirements Designation: WI. (3)

EN 290 - Literary Theory and Practice

An introduction to the foundations of literary theory and to the process of applying these critical approaches in literary research. Students will explore the principles of movements such as Formalism, Gender Studies, New Historicism and Cultural Criticism, and Psychoanalytic Criticism. Open to English majors and minors only. English majors must earn a grade of C or better. Prerequisite: EN 200. (3)

EN 301 - The Writing Process: Theory and Practice

A study of traditional and contemporary composition theory stressing the connection between writing and

learning. This workshop/portfolio writing course provides opportunities for revision and peer review and culminates in a self-study informed by current research in writing. English majors must earn a grade of C or better. Prerequisite: EN-102. Liberal Arts Core/University Requirements Designation: DSINQ, WI. (3)

EN 303 - Literary Nonfiction

An in-depth study of literary nonfiction with attention to stylistic and technical elements and/or topical concerns of the genre. This course is provided in a workshop format, focusing on production, critique, and revision of student work, supplemented by assigned readings. Prerequisite: junior/senior status or permission of instructor and EN 102. Liberal Arts Core/University Requirements Designation: WI. (3)

EN 305 - Topics in Creative Writing

An in-depth study of the stylistic and technical elements of one or more of the genres of creative writing (poetry, fiction, or writing for performance) through close analysis of professional examples and practice of the craft in a workshop format. (3)

EN 308 - Style and Revision

An advanced writing workshop exploring the effects of style on revision and enabling students to analyze and perfect their own writing styles. Style includes the principles of clear and fluid sentence-level prose as well as the connection between sentence-level choices and an author's voice. Students will apply the guidelines of well-known style manuals and analyze and imitate the distinctive styles of prominent writers. English majors must earn a minimum grade of C. Prerequisite: EN 102. Liberal Arts Core/University Requirements Designation: WI. (3)

EN 321 - Modern Drama

A critical study of the development of modern drama from the 19th century to the present. The course includes a study of major modern dramatic movements such as realism, expressionism, black arts, and postmodern performance art. Prerequisite: EN 102 or permission of instructor. Liberal Arts Core/University Requirements Designation: DSINQ LT-2, WI. (3)

EN 322 - 19th Century British Literature: Self, Community, and the World

An in-depth study of selected texts from the Romantic and Victorian periods that will examine literary movements and techniques in the context of the history

and culture of the time. Topics addressed may include gender, sexuality, race, class, social justice movements, spirituality, and imperialism. Prerequisite: EN 102 or permission of instructor. Liberal Arts Core/University Requirements Designation: LT-2. (3)

EN 330 - Chaucer and the Courtly Love Tradition

A study of England's master medieval poet in the context of a major literary current of the late medieval world. Exploration of the origins and major themes of courtly love poetry and a close study of selected *Canterbury Tales* and of *Troilus and Criseyde*. Prerequisite: EN 102 or permission of instructor. Liberal Arts Core/University Requirements Designation: LT-2. (3)

EN 340 - Major Women Writers

A study of the emergence and creative achievements of key women writers. Prerequisite: EN 102 or permission of instructor. Liberal Arts Core/University Requirements Designation: LT-2, WI. (3)

EN 345 - Ethnic Literary Traditions

An in-depth study of ethnic literature(s) that focuses on one or two ethnic groups and interrogates identity through literary production. Assumptions about race, culture, gender, and sexuality may be addressed. Topics will vary by instructor but may include Latina/o literature, African American literature, transatlantic slavery and pirates, or others. Prerequisite: EN 102 or permission of instructor. Liberal Arts Core/University Requirements Designation: LT-2, WI. (3)

EN 350 - The American Dream

An exploration of the American dream of success and its manifestation in various genres of American literature. Prerequisite: EN 102 or permission of instructor. Liberal Arts Core/University Requirements Designation: LT-2, WI. (3)

EN 351 - Literature of Childhood and Adolescence

An examination of the images of childhood, adolescence, and maturity projected by 19th- and 20th-century writers and the definitions of innocence and experience these images imply. Prerequisite: EN 102 or permission of instructor. Liberal Arts Core/University Requirements Designation: LT-2. (3)

EN 355 - Shakespeare

An introduction to Shakespeare with a focus on reading and analyzing Shakespeare's language as well as considering Shakespeare in a cultural context. May

include the study of Shakespeare adaptations and/or Shakespeare in performance. Prerequisite: EN 102 or permission of instructor. Liberal Arts Core/University Requirements Designation: LT-2. (3)

EN 357 - Topics in Literature Before 1800

An in-depth study of selected texts and topics in literature from 1300 to 1800 with a focus on aesthetic analysis and cultural context. Open to juniors and seniors, and to others with the consent of the instructor. Prerequisite: EN 102 or permission of instructor. Liberal Arts Core/University Requirements Designation: LT-2. (3)

EN 385 - Approaches to Teaching Secondary English

Prepares the student to teach English at the secondary level by integrating content mastery with effective pedagogical strategies. Field experience: 20 hours. Prerequisites: ED 200 and ED 327. (3)

EN 400 - Internship

Senior students may register for an internship in cooperating government, business, education, research, or media communications agencies in the Washington metropolitan area under the supervision of an instructor. Prerequisite: permission of the dean of the School of Arts and Sciences. Liberal Arts Core/University Requirements Designation: EXP. (3-6)

EN 421 - Project

An investigation of a selected topic in literature or linguistics. The project is intended to demonstrate an ability to conduct independent research and present the results in writing of commendable quality. Prerequisite: permission of the dean of Arts and Sciences. (3)

EN 424 - Senior Seminar

An intensive study of a selected literary genre, movement, or period from either British or American literature. Students produce a research seminar paper related to the topic studied. Required of senior English majors; other students may enroll with permission of the instructor. English majors must earn a grade of C or better. Prerequisite: EN 102. Liberal Arts Core/University Requirements Designation: DSINQ, WI. (3)

EN 426 - Studies in the Novel

A topics course on the novel focusing on various issues and themes in the genre. Content varies, depending on instructor. Repeatable course, provided there is no significant overlap in content. Prerequisite: EN 102 or

permission of instructor. Liberal Arts Core/University Requirements Designation: LT-2, WI. (3)

EN 428 - Studies in Contemporary Literature

A topics course in contemporary literature focusing on major trends in literature and theory since World War II and exploring the relationship of literary, history, and contemporary culture. Content varies, depending on instructor. Repeatable course, provided the student selects different topics. Prerequisite: EN 102 or permission of instructor. Liberal Arts Core/University Requirements Designation: LT-2. (3)

EN 429 - Studies in Performance

A topics course in performance studies focusing on a major issue, theme, or development in theater and/or film. The course explores the relationships among text, medium, performance, and audience. Students will examine both the theoretical and cultural contexts that affect performance. Content varies, depending on instructor. Repeatable course, provided the student selects different topics. Prerequisite: EN 102 or permission of instructor. Liberal Arts Core/University Requirements Designation: DSINQ, LT-2, WI. (3)

EN 433 - Research

A student in this course will conduct collaborative research (scholarly work leading to new knowledge) under the direction of a faculty member. Prerequisite: application and approval of department chair. Liberal Arts Core/University Requirements Designation: EXP. (1-6)

EN 490 - Major Author(s)

An in-depth study of one or two major writers. Author(s) announced in course schedule. Repeatable course, provided the student selects different authors. Prerequisites: EN 102 and EN 200, or permission of instructor. Liberal Arts Core/University Requirements Designation: DSINQ, LT-2, WI. (3)

FA - Fine Arts

FA 103 - Two-Dimensional Design

An introduction to the basic principles of pure design using the elements of dot, line, form, shape, value, texture, color, space, and perspective while investigating a variety of media. (3)

FA 104 - Color Theory

This in-depth exploration of color is essential to artists and designers and useful to all who wish to communicate powerfully with color. Through hands-on projects, discussions, and gallery/museum visits, students investigate hue, value, and saturation; color interaction; and psychological experiences of color. Working in paint and other media, students learn a variety of studio techniques and presentation skills, developing artwork relating to their professional and personal interests. Liberal Arts Core/University Requirements Designation: FNA. (3)

FA 105 - Drawing I

A course designed to introduce basic fundamentals of drawing. Emphasis will be placed on the perceptive and technical skills used in rendering accurate form. The recognized elements and principles of art will be explored as they relate to unified composition. Critiques will be used to expand visual analysis and vocabulary. Liberal Arts Core/University Requirements Designation: FNA. (3)

FA 107 - Hand-Built Ceramics

This course will introduce students to basic hand-building construction techniques. Students will produce a variety of traditional vessel shapes and explore fundamental essentials of the ceramic process such as glaze application and firing. Contemporary ceramic artists and other important topics related to the ceramic process are investigated to offer context for designing and producing ceramic vessels. Liberal Arts Core/University Requirements Designation: FNA. (3)

FA 120 - Music Fundamentals

For the student interested in exploring and understanding the fundamentals of music, this course begins with the basic elements of music. The study of the various notes, rests, clefs (treble and bass), rhythms, major and minor scales, key signatures, chromatics, sharps and flats, and construction of chords found in music will be covered. No previous instrumental or vocal knowledge or ability on a musical instrument is necessary. (3)

FA 121 - Music History I

Introduces basic elements of music composition and the relations among these elements. Students learn to recognize various musical forms and styles and to correlate the musical periods to other art forms and sociological factors. Covers early music to Beethoven.

Liberal Arts Core/University Requirements
Designation: FNA. (3)

FA 122 - Music History II

Introduces basic elements of music composition and the relations among these elements. Students learn to recognize various musical forms and styles and to correlate the musical periods to other art forms and sociological factors. Covers Beethoven to 20th century. Liberal Arts Core/University Requirements
Designation: FNA. (3)

FA 150 - History of Jazz

Designed for understanding the development, styles, and use of jazz throughout American culture and history. This course also examines its influence on other popular idioms. Liberal Arts Core/University Requirements
Designation: FNA. (3)

FA 161 - Dance Appreciation

An introduction to dance as theatrical and social art forms. The course examines how dance affects culture and culture affects dance. Liberal Arts Core/University Requirements
Designation: FNA. (3)

FA 165 - Beginning Modern Dance

Teaches different styles of modern dance with an emphasis on anatomical awareness and rhythmic sensitivity. Expressional choreography and improvisations are introduced. Liberal Arts Core/University Requirements
Designation: FNA. (3)

FA 170 - Beginning Jazz Dance

Provides an introduction to the fundamentals of jazz dance technique and its historical context. (Also listed as HPR 170.) Liberal Arts Core/University Requirements
Designation: FNA. (3)

FA 201 - Introduction to Art History: Ancient to Medieval

A survey of painting, architecture, and sculpture in the Western world, from Prehistory to the end of the Middle Ages, investigating meaning in the visual arts and the development of artistic style within a historical context. Liberal Arts University Requirement
Designation: FNA. (3)

FA 202 - Introduction to Art History: Renaissance to Modern

A survey of painting, architecture, and sculpture in the Western world from the Renaissance to the 20th century, with particular emphasis on works of art from

the Washington, DC, region. This course uses those works to investigate meaning in the visual arts and the development of artistic style within a historical context. Liberal Arts Core/University Requirements
Designation: FNA. (3)

FA 205 - Drawing II

This course is designed to develop and expand students' drawing skills and their understanding of the potential of drawing to convey content and have a powerful impact. Projects are designed to increase each student's technical and perceptual ability with a wide range of media, methods, and techniques. Students will learn how to develop their own individual style and vision with a focus on form, content, and individual communication. Students will draw from a variety of sources, including the live model. Prerequisite: FA 105. (3)

FA 209 - Figure Drawing

This course focuses on drawing from the live model. Students will build on their observational drawing skills and understanding of anatomy and spatial relationships through a variety of media and methods. Class time is devoted to drawing from life, discussing technique, critiquing work, looking at examples, and instructor-led demonstrations. Students will learn how to develop form, content, and individual expression within the context of the human form. Prerequisite: FA 105 or permission of instructor. (3)

FA 210 - Three-Dimensional Design

An introduction to three-dimensional design and the application of design principles to the element of form through a variety of media and methods. Students will explore aesthetic and practical considerations of working in a three-dimensional space. Prerequisite: FA 103 or permission of instructor. (3)

FA 211 - Printmaking

Students will explore a variety of printmaking techniques, including relief, intaglio, stencil, monoprint/monotype, and collagraph, often adapting traditional methods for modern safety, environmental, and technological standards. Students will explore printmaking as an art of multiples with endless opportunities for distribution and collaboration. Students will also consider artistic, social, political, and commercial uses of prints, past and present. Liberal Arts Core/University Requirements
Designation: FNA. (3)

FA 213 - Painting

Students will experiment with painting techniques and styles ranging from the traditional to the contemporary. Starting by painting from observation, students will gain formal skills for completing representational, abstract, and non-objective paintings. Through structured weekly projects, image lectures, discussions, critiques, and gallery/museum visits, personal approaches and content will grow. In final projects, students choose themes, develop painterly language, and produce cohesive series of paintings. Liberal Arts Core/University Requirements Designation: FNA, DSINQ. (3)

FA 215 - Wheel-Thrown Ceramics

This course will introduce students to working with clay on the potter's wheel. Students will learn basic throwing techniques focused on the production of traditional functional vessels and learn fundamental elements of the ceramic process such as glaze application and firing. Students will also study contemporary ceramic artists and their concepts and other important topics related to the ceramic process. Liberal Arts Core/University Requirements Designation: FNA. (3)

FA 222 - Mold Making and Slip Casting

Students will learn and apply methods for constructing two-part and three-part molds for use in slip casting production process. Students will also design original functional ceramic products using three-dimensional design software and create models from the 3D printing process. Prerequisite: FA 107, FA 215, or permission of instructor. (3)

FA 225 - Glaze and Clay Formulation

This course focuses on the knowledge and application of natural and man-made materials used in clay body and glaze development in the ceramic process. Students will learn and explore techniques for developing original glaze and clay body recipes and apply techniques for solving defects in their applications. Prerequisite: FA 107, FA 215, or permission of instructor. (3)

FA 295 - Sophomore Portfolio

The fundamentals of building, preparing, and presenting a foundations studio portfolio. Students will present original art from foundation courses to fine art faculty who will evaluate the progress and establish goals/expectations for advanced studies. Artwork will illustrate competency in the visual elements and principles of design, drawing, color theory, and three-

dimensional fundamentals. This course is pass/fail.

Prerequisite: permission of department chair. (1)

FA 380 - Movements in Modern Art

An examination of different movements in art beginning around 1900 in Europe and North America as they react or contribute to historical developments of the century, including politics, nationalism and war, shifting social structures and practices, and radical changes in media and technology. Special emphasis will be given to works of art from local and regional museums, with field trips to area collections. Prerequisite: EN 102. Liberal Arts Core/University Requirements Designation: FNA, WI. (3)

FA 385 - Approaches to Teaching Art (K-12)

This course prepares the student to teach art at the elementary and secondary levels by integrating content mastery with effective pedagogical strategies. Field experience: 20 hours. Prerequisites: ED 200, ED 327, and PSY 110. (3)

FA 395 - Advanced 2-D Studio

A studio course offering advanced study in drawing, painting, and printmaking, allowing a continuing exploration of methods and techniques and the principles of composition. This course will focus on advanced problems in the different media, with a greater emphasis on developing individual style and personal expression. Repeatable course for up to nine (9) credits. Prerequisite: FA 205, FA 211, FA 213, or permission of instructor. Liberal Arts Core/University Requirements Designation: DSINQ. (3-9)

FA 396 - Advanced Ceramics and 3-D Studio

Students will complete several proposed projects that employ different techniques relating to the ceramic process or three-dimensional design. This course will focus on advanced problems concerning the production of three-dimensional objects, with greater emphasis on developing individual style and personal expression. Prerequisites: FA 107 and FA 215, or FA 210, or permission of instructor. Liberal Arts Core/University Requirements Designation: DSINQ. (3)

FA 400 - Internship

Senior students may register for a field experience with cooperating institutions in the Washington metropolitan area. The internship is monitored by a supervising professor and a representative of the cooperating institution. Prerequisite: permission of the dean of the

School of Design, Arts, and Humanities. Liberal Arts Core/University Requirements Designation: EXP. (3-6)

FA 410 - Topics in Art History

A course designed to take advantage of works of art in the Washington-Baltimore area and use them as the basis for a seminar-style discussion of particular topics in the history of art. Repeatable course, provided the student selects different topics. Prerequisite: EN 102. Liberal Arts Core/University Requirements Designation: FNA, WI. (3)

FA 421 - Project

Continuing investigation of a particular artistic medium within the student's concentration and under the direction of a faculty advisor. The project will be conducted within a studio shared with an advanced course in the same medium and taught by the faculty advisor. Prerequisite: application and approval of the department chair. (3-6)

FA 422 - Senior Project

An investigation of a selected topic in the student's concentration that takes place in the senior year under the direction of a faculty advisor. The project develops the student's independent research skills through a written paper and an artistic product. Upon completion, the artwork and paper are presented to a panel of professionals for evaluation. Prerequisites: senior status, application and approval of the department chair, and EN 102. Liberal Arts Core/University Requirements Designation: DSINQ. (3-6)

FA 427 - Senior Portfolio

Covers the fundamentals of building, preparing, and presenting a portfolio for the field of fine arts and/or application to graduate school. Students will prepare and present original art, web, and/or CD portfolios. Prerequisites: senior status in the major, FA 422, or permission of instructor. (1)

FA 433 - Research

A student in this course will conduct collaborative research (scholarly work leading to new knowledge) under the direction of a faculty member. Prerequisite: application and approval of department chair. Liberal Arts Core/University Requirements Designation: EXP. (1-6)

FIN - Finance

FIN 200 - Personal Finance

This course's goal is to help students make better personal financial decisions. Concepts covered include time value of money; organizing financial statements; and managing personal budgets, assets, liabilities, and insurance and retirement plans. Helps students develop a good understanding of personal financial planning and the functioning of financial markets as a whole. This course does not fulfill a specialty requirement for B.B.A. students. Prerequisite: MA 119 or higher-numbered mathematics course. (3)

FIN 301 - Financial Management

The fundamentals of business finance, including financial analysis, planning, and control; management of working capital; analysis of long-term investment opportunities; and examination of internal and external sources of financing. Prerequisites: ACT 202, ACT 202L, and co- or prerequisite MA 132. (3)

FIN 334 - Investments

Survey of commercial and government investments with emphasis on understanding investment markets, primarily the stock exchanges. Prerequisite: FIN 301 with a minimum grade of C and co- or prerequisite of MSC 300. (3)

FIN 362 - Intermediate Financial Management

A case study approach to corporate financial problems. The cases provide the basis for class discussion on the approach to financial problem solving. Prerequisites: FIN 301 with a minimum grade of C and co- or prerequisite MSC 300. (3)

FIN 400 - Senior Seminar in Finance

An opportunity for assisted self-directed study of a topic of interest. The study will culminate in a paper and oral presentation. Prerequisites: FIN 334, FIN 362, ECO 332, and FIN 485 with a minimum grade of C in each class, and senior status. Liberal Arts Core/University Requirements Designation: WI. (3)

FIN 425 - Applied Portfolio Management

This course utilizes theoretical fundamental valuation of financial securities and Modern Portfolio Theory to make investment decisions. Using these investment approaches will enable students to build a virtual portfolio that will be managed by students. Investment decisions will be thoroughly reviewed. Prerequisite: FIN

334 with a minimum grade of A- and senior status or permission of instructor. (3)

FIN 485 - International Finance

Develops a conceptual framework for the analysis of financial decisions of the multinational firm. Topics include foreign exchange markets, foreign exchange risk management, parity conditions in international finance, foreign investment analysis, political risk, and financial management of the multinational corporation.

Prerequisite: FIN 301 with a minimum grade of C.

Liberal Arts Core/University Requirements

Designation: GP. (3)

FR - French

FR 101 - Introductory French I

Introduces the basic French communication skills of reading, writing, speaking, and listening. The course is designed for linguistic growth in the four skills.

Emphasis is placed on conversation. The class is conducted in French and includes a basic introduction to French culture. Liberal Arts Core/University Requirements Designation: GP. (3)

FR 102 - Introductory French II

Develops the student's knowledge of fundamentals and the use of French language skills. The class is conducted in French and includes a basic introduction to French culture. Prerequisite: FR 101 or equivalent. Liberal Arts Core/University Requirements Designation: GP. (3)

FR 201 - Intermediate French I

Reviews basic skills in French and advances knowledge of grammatical structures and skill in conversation. The course stimulates spontaneous use of spoken French and is appropriate for students who have the equivalent of two years of high school French or one year of college French. (3)

FR 202 - Intermediate French II

Designed to increase and perfect the ability to speak, read, and write in French. Added emphasis is given to developing writing skills. The course is appropriate for students with a strong foundation in the language. Prerequisite: FR 201 or equivalent. (3)

FR 303 - Contemporary French Civilization

Focuses on a general overview of the social, political, and cultural trends in France and in Francophone

countries today. Readings, lectures, and class discussions are conducted in French. Prerequisite: FR 202 or equivalent. (3)

FR 305 - Topics in French Literature

Each year the course readings focus on a different literary topic as announced in the course schedule. Readings, analysis, and discussions are conducted in French. Prerequisite: FR 202 or permission of instructor. Liberal Arts Core/University Requirements Designation: LT-1. (3)

GEO - Geography

GEO 201 - Introduction to Geography

Introduces students to the fundamentals of geography. The course covers the areas of physical, historical, cultural, and political geography. Offered spring semester only. (3)

GEOL - Geology

GEOL 102 - Principles of Geology

A study of the materials, structures, and physical features that make up the Earth. The processes that affect the Earth's physical environments will also be discussed. Laboratory exercises will include mineral and rock identification and interpretation of topographic and geologic maps. Liberal Arts Core/University Requirements Designation: NS. (3)

GEOL 102L - Principles of Geology Lab

A laboratory designed to strengthen and support the topics presented in GEOL 102. (1)

GER - German

GER 101 - Introductory German I

A study of the basic German communication skills of reading, writing, listening, and speaking. This is a beginning course for students with no previous German training. Emphasis is on developing comprehension and conversation skills. Liberal Arts Core/University Requirements Designation: GP. (3)

GER 102 - Introductory German II

Continues the development of the beginning student's knowledge of the foundations of German. Includes an introduction to German culture and customs. Course is conducted in German. Prerequisite: GER 101 or equivalent. Liberal Arts Core/University Requirements Designation: GP. (3)

GER 201 - Intermediate German I

Presents a review of basic German language skills with emphasis on the use of German in realistic communicative settings. Appropriate for students with two years of high school German or one year of college German.

GER 202 - Intermediate German II

A course for strengthening and broadening intermediate-level skills. Emphasis on reading contemporary short fiction and the development of writing skills. Appropriate for students with a strong basic knowledge of German. Prerequisite: GER 201 or equivalent. (3)

GMD - Graphic and Media Design**GMD 102 - Visual Communications and Design**

This course provides an introduction to communication design theory and strategy. Students will learn techniques to incorporate principles and elements of design into digital visual communication. Students will develop an understanding of visual images, symbols, and messaging in art, photography, and digital media. Students will learn to apply these theories to design concepts and to analyze visual communications. The course will focus on the aesthetics of visual images and symbols for visual literacy. The cross-disciplinary nature of this course will foster understanding, innovation, and creativity in visual communication design. (3)

GMD 103 - Adobe Photoshop

A hands-on introduction for new users to the main features and capabilities of Photoshop. (1)

GMD 104 - Adobe Illustrator

A hands-on introduction for new users to the main features and capabilities of Illustrator. (1)

GMD 105 - Video Editing

A hands-on introduction for new users to the basics of video editing. Use of video editing software will be covered. (1)

GMD 106 - Motion Graphics

A hands-on introduction for new users to the basics of creating motion graphics. Use of motion graphics software will be covered. (1)

GMD 107 - Media Techniques

Provides an opportunity for students to study emerging topics in communication media techniques and varies from semester to semester. Topics will include but are not limited to video lighting, video finishing techniques, and color printing. Repeatable course. (1)

GMD 200 - Electronic Publishing

An introduction to the fundamentals of electronic publishing using Adobe Creative Suite software. Students integrate type and images to produce common business publications for print or use on the internet. (3)

GMD 202 - Illustration I

An exploration of various illustrative techniques and technology for graphic application. Emphasis is on illustrative style and an introduction to digital illustration. Liberal Arts Core/University Requirements Designation: DSINQ. (3)

GMD 203 - Digital Photography

An exploration of various photographic techniques and technology for graphic communications. Emphasis is on photographic style and an introduction to digital photography. (3)

GMD 205 - Video Production: Promotional and Informational Communication

This course explores various techniques, digital technology, and equipment for video production. Students experience hands-on preproduction, production, and postproduction techniques. Students plan and produce promotional video presentations. The course focuses on real-world solutions to video public relations and marketing communications needs for businesses, nonprofits, organizations, and institutions. (3)

GMD 255 - Typography

An introduction to the dynamics of digital typography for use in visual communication and design. Emphasis

is on the historical evolution, typographic rules, letterform, and the application of type. Prerequisites: GMD 200 or permission of instructor. (3)

GMD 301 - History of Graphic Design

A study of graphic design history from the invention of writing to the Digital Revolution. This course examines the innovation in semantic and syntactic aspects of visual communications. Impact of individual designers and stylistic approaches to visual communications will be covered. Prerequisite: EN-102. Liberal Arts Core/University Requirements Designation: WI. (3)

GMD 303 - Illustration II

A continuation of GMD 202, this is an exploration of developing design relationships between text and illustration and intermediate computer techniques for graphic applications. Prerequisite: GMD 202 or permission of instructor. (3)

GMD 305 - Publication Design

An intermediate study of the development and production of magazines, newspapers, and other serial and/or multipage publications. Emphasis is on narrative, consistency, structure, and clarity. The course covers information design issues and reinforces conceptual skills and integration of imagery and text. Prerequisites: GMD 200 and GMD 255. (3)

GMD 308 - Web and Social Media Design

An introduction to the fundamentals of web and social media design and technology. Students write, design, and produce web and social media sites for organizations and promotions. Emphasis is placed on content, navigation, audience instructiveness, and design, including the effective use of copy, visuals, typography, color, and page layouts. Course activities focus primarily on the development of integrated organizational promotional web and social media sites. Working with internet service providers and computer programmers is also covered. Prerequisite: EN 102. (3)

GMD 360 - Communication and Design Studio

The course allows students to apply learned theories and methods for communication and media design in a working communication and design studio. Students write, design, and produce projects, including branding, publications, and marketing and promotional campaigns for print, web, YouTube, and social media for NGOs, nonprofits, and Marymount departments, programs, and organizations. Students create graphics, photographs, illustrations, and video productions. Students are

responsible for project management. Working in groups is required. Repeatable course for up to six (6) credits. Prerequisite: a grade of C or better in GMD 305 or GMD 308 or permission of the instructor. Liberal Arts Core/University Requirements Designation: DSINQ. (3)

GMD 400 - Internship

Senior students may register for a field experience or an internship in a cooperating research or media communication agency in the Washington metropolitan area under the supervision of an instructor.

Prerequisites: senior status and permission of the dean of the School of Design, Arts, and Humanities. Liberal Arts Core/University Requirements Designation: EXP. (3-6)

GMD 404 - Performance Media Lab

Enables students to explore the connections among the arts, humanities, science, and technology; create a product to illustrate their collaborative research and interdisciplinary study; and present their product to the community in a public forum. Prerequisite: junior/senior status within the communication or graphic and media design major or permission of instructor for non-majors. Evidence of completed upper-level research course project is recommended. (Also listed as IS 404.) Liberal Arts Core/University Requirements Designation: DSINQ. (3)

GMD 405 - Portfolio

The fundamentals of preparing an entry-level online portfolio and the supporting social media for entry into the job market of communication and media design. Self-branding will be emphasized. Business cards, letterhead, and résumés will be created. Developing leads for employment and interviewing techniques will be covered. Prerequisites: senior status, including the completion of 36 credits in the communication or media design major. (1)

GMD 421 - Project

An investigation of a selected topic in the major discipline. The project is intended to demonstrate the ability to conduct independent research and present the results as a communication and media design project with writing of commendable quality. Repeatable course for up to six (6) credits. Prerequisite: permission of the dean of the School of Design, Arts, and Humanities. (1-6)

GMD 433 - Research

A student in this course will conduct collaborative research (scholarly work leading to new knowledge) under the direction of a faculty member. Repeatable course for up to six (6) credits. Prerequisite: application and approval of department chair. Liberal Arts Core/University Requirements Designation: EXP. (1-6)

GSP - Global Study**GSP 102 - Local to Global**

This seminar explores globalization locally and internationally and will investigate how globalization has impacted the Washington, DC, metropolitan area. Emphasis will be placed on observation, description, and analysis to draw conclusions and develop solutions. In addition, students will speculate about the impact of globalization elsewhere. (1)

GSP 201 - Global Leadership

This seminar focuses on contemporary issues related to the understanding of roles, responsibilities, and processes of leadership in a global society. An emphasis will be placed on defining globalization and determining its impact on leaders in a global society and how global leaders foster innovation and global change. Issues that contribute to understanding leadership, such as legal, ethical psychological, sociological, political, and economic concerns, will also be considered. (1)

GSP 301 - Reading the World

This seminar will focus on a current reading that relates to globalization. The course is designed to promote meaningful learning, build community among students, and deepen their understanding of international issues. (1)

GSP 302 - Exploring Global Careers

This seminar is designed to assist students in gaining a greater understanding of work in countries as well as identify the avenues leading to employment opportunities abroad. An international career can be defined as either working abroad or living stateside and working with international partners. (1)

GSP 433 - Research

A student in this course will conduct collaborative research (scholarly work leading to new knowledge) under the direction of a faculty member. Prerequisite: application and approval of department chair. Liberal

Arts Core/University Requirements Designation: EXP. (1-6)

HI - History**HI 103 - Western Civilization I**

A study of the rise and contribution of the dominant ancient civilizations, the medieval Christian heritage, and the feudal way of life. Liberal Arts Core/University Requirements Designation: HI-1. (3)

HI 104 - Western Civilization II

A study of the forces that shape the modern world and of transcendent problems of the contemporary age. The course emphasizes the development of European civilization. Liberal Arts Core/University Requirements Designation: HI-1. (3)

HI 110 - History of the United States to 1877

A survey of the history of the United States from the colonial period to 1877 with emphasis on colonial origins, the struggle for independence, and the continuing struggle to implement and preserve the principles and government structure of a democratic republic. Major economic, cultural, and social changes also are examined. Liberal Arts Core/University Requirements Designation: HI-1. (3)

HI 111 - History of the United States since 1877

A survey of the history of the United States from the Reconstruction period to the present with emphasis on foreign relations, politics, economics, and cultural and social change. Liberal Arts Core/University Requirements Designation: HI-1. (3)

HI 114 - Introduction to World History

Provides an overview of world history, including an introduction to the origin and development of Indian, Arabic, Chinese, African, European, and American societies and their political, cultural/social, and economic traditions. Liberal Arts Core/University Requirements Designation: HI-1. (3)

HI 250 - Research and Writing

An introduction to the sources and methods used in historical research and writing. Prerequisite: EN 102. Liberal Arts Core/University Requirements Designation: DSINQ, WI. (3)

HI 295 - Introduction to Public History

Surveys major approaches to the production and presentation of history in the public (nonacademic) sphere. Topics include, but are not limited to, the following: genealogy, oral history, museum exhibitions, historic preservation, heritage tourism, archival management, the internet, documentary films, and the culture "wars." Field trips, class projects, and assignments provide practical skills and experiences, while guest speakers address career opportunities and professional concerns. (3)

HI 304 - History of the British Isles: Iron Age to 1603

This course examines the major political, socioeconomic, intellectual, and religious developments in the British Isles (including Ireland, Scotland, and Wales) up to the death of Queen Elizabeth I. Specific areas examined include the indigenous Celtic populations, the Roman and Anglo-Saxon conquests, the formation of the Anglo-Norman kingdom, and the Tudor monarchy. Prerequisite: HI 103 or HI 104. Liberal Arts Core/University Requirements Designation: HI-2. (3)

HI 305 - History of the British Isles: 1603 to the Present

Examines the major political, socio-economic, intellectual, and religious developments in the British Isles (including Ireland, Scotland, and Wales) from the death of Queen Elizabeth I to the reign of Queen Elizabeth II. Specific areas examined include the English Civil War, the Hanoverians, the Industrial Revolution, the emergence of modern social classes, Victorian England, and Britain in the 21st century. Prerequisite: HI 103 or HI 104. (3)

HI 307 - Museum Studies

This course discusses the history of museums, their role in society, the different types of museums, and how to prepare exhibits for different audiences. Prerequisite: HI 295, FA 201, or FA 202 or permission of instructor. (3)

HI 310 - Modern European History: 1815-1914

An examination of the European civilization from the Congress of Vienna through World War I. The issues of war, imperialism, and power are studied in the context of the emerging nation states. Prerequisite: HI 103 or HI 104. Liberal Arts Core/University Requirements Designation: HI-2. (3)

HI 311 - Modern European History: 1914 to the Present

An examination of 20th-century European civilization with a focus on the rise of communism, fascism, and Nazism; economic developments and markets; causes and results of war; and the collapse of European colonialism. Prerequisite: HI 103 or HI 104. Liberal Arts Core/University Requirements Designation: HI-2. (3)

HI 315 - Modern French History: 1789 to the Present

A study of the political, economic, social, and cultural history of France from the French Revolution to the present. The course charts France's search for security through the Fifth Republic and examines the contemporary role of France in Europe and the European Community. Prerequisite: HI 103 or HI 104. (3)

HI 322 - Colonial and Revolutionary America

A study of colonial American society from 1607 to 1789, beginning with the development of English colonies in North America and ending with the establishment of an independent and constitutional government. The course examines the social, economic, and political growth of the colonies leading to the American Revolution and proceeds on to the problems of creating a new nation. Prerequisite: HI 110. Liberal Arts Core/University Requirements Designation: HI-2, DSINQ, WI. (3)

HI 323 - The Early National Period and the Jacksonian Era

An examination of the major themes in United States history from the ratification of the Constitution through the events of the Mexican-American War. The course emphasizes the development of a political nation, the creation of a market economy, and the changing characteristics of the developing society. Prerequisite: HI 110. Liberal Arts Core/University Requirements Designation: HI-2. (3)

HI 324 - The Frontier

The frontier has been a source of debate among historians for well over a century. This class examines the movement west of the American population from the late 18th century into the 20th century — what factors drove the movement, the role of government in encouraging and supporting that movement, and the effects it had on Native Americans and the environment. The class also examines how historians' interpretations of the frontier have changed from the 1893 "Turner

Thesis" to the 21st century. Prerequisite: HI 110 or HI 111. Liberal Arts Core/University Requirements Designation: HI-2. (3)

HI 327 - Virginia and the Old South

A study of Virginia and the American South from the first British settlement in the late 16th century through Reconstruction. The course examines the development of race-based slavery, evolving class and gender systems, plantation society, and the impact of the Civil War. Prerequisite: HI 110. Liberal Arts Core/University Requirements Designation: HI-2. (3)

HI 330 - The United States: Civil War and Reconstruction

A study of the political, economic, social, and cultural history of the United States leading to the secession and Civil War from 1861 to 1865, and an examination of the policies of Reconstruction in the decades following the war. Prerequisite: HI 110. (3)

HI 331 - Women in the United States

This course will survey women's roles throughout U.S. history, from the 17th century to the present. Special emphasis will be placed on the construction of gender and sexuality and intersections with race and class. Highlights women's evolving political and social roles through both individual and collective action. Prerequisite: HI 110 or HI 111. (3)

HI 332 - American Foreign Policy

A history of the policies of the United States toward other governments and an analysis of the principal factors to be considered in formulating and executing American foreign policy. Prerequisites: POL 120 and POL 250 or any other WI course, or permission of instructor. (3)

HI 334 - America and the World Wars

Twice during the 20th century the U.S. was a belligerent in a world war. When the second war was finished, the U.S. found itself one of two remaining world powers standing. This course examines how the U.S. entered each of the world wars, how it fought in the wars, and how these conflicts changed American society, including the roles of women and minorities, as well as how and why America's place in the world changed. Prerequisite: HI 111. Liberal Arts Core/University Requirements Designation: HI-2. (3)

HI 339 - Ethnicity and Immigration

The United States is famously a "land of immigrants." This class examines the history of immigration to the U.S. beginning in the colonial era and continuing to the present day. The class will examine how different groups made their way to the U.S., how they and the country changed one another, and the opposition new groups encountered from those already here. Prerequisite: HI 110 or HI 111. Liberal Arts Core/University Requirements Designation: HI-2. (3)

HI 341 - African Americans Since 1865

African Americans have been part of the history of the U.S. from the very beginning. This course examines the roles their community has played in the U.S. after the Civil War. Among the issues discussed will be Reconstruction, the establishment of Jim Crow, the role of women in African-American society, and the ongoing struggle for civil liberties in the U.S. Prerequisite: HI 111. Liberal Arts Core/University Requirements Designation: HI-2. (3)

HI 342 - The Old West in American Memory

The frontier experience is one of the defining experiences of the American people. This course examines how Americans have chosen to remember that experience and how interpretations of the frontier have changed over time among historians as well as in popular culture, including film and television. Prerequisite: HI 110 or HI 111. Liberal Arts Core/University Requirements Designation: HI-2. (3)

HI 345 - The Gilded Age and the Progressive Era

Examines the social, political, economic, and cultural changes that occurred in the United States from the end of Reconstruction through World War I. Topics include urbanization, consumerism, immigration, political machines, the rise of Big Business, social reform, Populism, Progressivism, and Imperialism. It is recommended that students take HI 111 before taking this course. Liberal Arts Core/University Requirements Designation: HI-2. (3)

HI 350 - Modern United States History

Focuses on the development of the United States since World War I. Among the issues examined are the United States as a world power, the development of popular culture, and the civil rights movement. It is recommended that students take HI 111 before taking this course. Liberal Arts Core/University Requirements Designation: HI-2. (3)

HI 360 - Ancient Greece and Rome

A study of the political, socioeconomic, and cultural developments of ancient Greece and the Roman Empire. The course focus on the development of the Greek polis; the rise, expansion, and collapse of the Roman Republic; and the legacy that these civilizations left to European history. Prerequisite: HI 103, HI 104, or HI 114. (3)

HI 365 - Medieval Europe

Covers topics in medieval European history from the end of the Roman world to the transitional period of the 15th century. The study includes an examination of the church-state relations, the development of Christian culture, and the institution of feudalism. Prerequisite: HI 103, HI 104, or HI 114. Liberal Arts Core/University Requirements Designation: HI-2, WI. (3)

HI 370 - History of Christianity in Medieval Europe

A survey of the history of Christianity and the church from late antiquity of the end of the Middle Ages. Students gain an appreciation of the diversity of traditions, perspectives, and practices that characterize ancient and medieval Christianity, as well as the factors that unified the Christian movement, while acquiring a critical and analytical approach to history in general. Prerequisite: HI 103, HI 104, or HI 114. Liberal Arts Core/University Requirements Designation: WI, HI-2. (3)

HI 375 - The Renaissance and the Reformation

A study of topics in European history from the end of the medieval period to the Thirty Years War. The course examines the cultural contributions of the Italian Renaissance, the major events of the Catholic and Protestant Reformations, and the wars of religion. It is recommended that students take HI 103 before taking this course. Liberal Arts Core/University Requirements Designation: WI, HI-2. (3)

HI 380 - The History of Early Modern Europe

Traces the major intellectual and political trends in European history from the Thirty Years War to the fall of Napoleon. Specific areas examined include Royal Absolutism, the Scientific Revolution, the Enlightenment, and the French Revolution. Prerequisite: HI 103 or HI 104. (3)

HI 385 - Approaches to Teaching Secondary History and Social Science

Prepares the student to teach history and social science at the secondary level by integrating content mastery with effective pedagogical strategies. Field experience: 20 hours. Prerequisites: ED 200 and ED 327. (3)

HI 400 - Internship

Senior students register for an internship with a service or research agency in the Washington metropolitan area. The internship is monitored by the supervising professor and a representative of the cooperating agency. Prerequisites: senior status and a grade point average of 2.5 in major courses. Liberal Arts Core/University Requirements Designation: EXP. (3)

HI 420 - Senior Seminar

An examination of interpretations and arguments regarding the purpose and meaning of history. The seminar aims to develop a critical understanding of the discipline of history required for continued and coherent study, and to challenge the student to develop an analytical interpretation of historical events. Offered spring semester only. Prerequisites: a grade of C or better in HI 250 or its equivalent or permission of instructor, and EN 102. Liberal Arts Core/University Requirements Designation: DSINQ, WI. (3)

HI 421 - Project

An investigation of a selected topic in the emphasis discipline. The project is intended to demonstrate a student's ability to conduct independent research and present the results in writing of commendable quality. Prerequisite: consent of the dean of the School of Arts and Sciences. (3)

HIM - Health Information Management**HIM 115 - Medical Terminology**

Introduces students to medical terms used in the maintenance of health records with an emphasis on spelling, definition, and pronunciation. This course covers the basic rules for interpreting, constructing, and spelling medical terms used in the health care field and provides medical vocabulary including anatomy, physiology, systems, diagnostic testing, and pharmacology. The course includes common terms, definitions, and pronunciations for terms that relate to each body system, including terms for anatomic diseases, pathology, pharmacology, radiography

procedures, laboratory tests, and surgical tests and procedures. Emphasis is on learning word roots, prefixes, and suffixes and how they are combined rather than learning each individual term. (3)

HON - Honors

HON 101 - The Quest: An Introduction to the Honors Program

This seminar is devoted to introducing first-year honors students to various forms of scholarship and the skills necessary for academic inquiry (i.e., "The Quest" for knowledge). Students participate in a variety of experiential learning activities; learn how to lead and participate in group discussion; and conduct, research, write, and present a traditional undergraduate research paper. Honors students take this course to fulfill EN 101 and the DSC 101 University Requirements. Liberal Arts Core/University Requirements Designation: DSINQ. (3)

HON 200 - Traditional Tutorial

The traditional Oxford/Cambridge tutorial is a special topics course. The topic and reading list will be selected by the student(s) together with the faculty tutor. These courses will be offered for Marymount students during the academic year and in the summer at the University of Oxford. Prerequisite: HON 101. (3)

HON 300 - Advanced Tutorial

The traditional Oxford/Cambridge tutorial is a special topics course. The topic and reading list will be selected by the student(s) together with the faculty tutor. These courses will be offered for Marymount students during the academic year and in the summer at the University of Oxford. Prerequisite: HON 101. (3)

HON 399 - Research Tutorial: Thesis Proposal

Each honors student, during her/his junior year, will identify a faculty mentor and work with her/him on a scholarly research project. The student may serve as a research assistant, becoming acquainted with the specific literature and techniques in her/his chosen area of research. At the end of the semester, the student will be required to submit a research proposal (of at least 15 pages) approved by the faculty mentor to the honors director for review. Once the proposal is approved and, if necessary, revised, the student may then commence research for her/his senior honors thesis. Prerequisites: HON 101, C or better in EN 102, and junior status.

Liberal Arts Core/University Requirements
Designation: WI. (3)

HON 400 - Research Tutorial: Honors Thesis

Honors students, during their senior year, will work with a faculty mentor on their thesis. With permission from their department chair and the honors director, honors students may conduct their approved thesis in their major's "capstone" course. Successful completion of the thesis is required to graduate with honors. Prerequisite: HON 399. Liberal Arts Core/University Requirements Designation: DSINQ. (3)

HPR - Health and Human Performance

HPR 100 - Concepts of Lifetime Fitness

Provides students with knowledge and skills to adopt positive lifestyle behaviors that will enhance health, fitness, and quality of life. (2)

HPR 102 - Beginning Swimming

Focus is on development of basic swimming skills and water safety for the non-swimmer, the fearful swimmer, and the novice swimmer. (1)

HPR 103 - Lifeguarding

Develops skills required for American Red Cross certification in standard first aid, CPR, and lifeguarding. Skills required: swim 500 yards continuously, surface dive, swim underwater 15 yards, and tread water for one minute. (2)

HPR 104 - Golf

Development of the fundamental skills and knowledge of golf. Emphasis on the value of a lifetime sport. (1)

HPR 108 - Weight Training

Includes information and skills for safety and correctly improving muscular strength and endurance using weights. (1)

HPR 118 - Pilates

Provides an introduction to Pilates mat, including mind-body connection, flexibility, core muscle strength, stress reduction, posture improvement, and basic anatomy and physiology. (1)

HPR 119 - Yoga

Provides an introduction to yoga, including how the yoga workout can increase awareness of the mind-body-

spirit connection, increase flexibility, strengthen core muscles, reduce stress, enhance posture, and complement other physical activity. The student will learn the Vinyasa style of yoga, including the different classes of asanas, and yoga philosophy. (1)

HPR 170 - Beginning Jazz Dance

Provides an introduction to the fundamentals of jazz dance technique and its historical context. (Also listed as FA 170.) Liberal Arts Core/University Requirements Designation: FNA. (3)

HPR 200 - Physical Activity

Includes skills and techniques of a specific physical activity or sport. HPR 200 may be repeated for credit, provided the student selects different activities or sports. See the current schedule of classes for the specific offering each semester. (1-2)

HPR 201 - Introduction to Health and Exercise Science

An introduction to concepts in exercise science and the fields of health, fitness, and exercise science for current or prospective health sciences majors. Includes an overview of the health/fitness industry, current and future trends, and knowledge and skills needed in these fields. Offered fall and spring. (3)

HPR 202 - Exercise Physiology

Course focuses on energy metabolism in physical activity and its role in musculoskeletal, nervous, respiratory, and cardiovascular systems in activity and physical fitness. Prerequisite: HPR 201 or permission of instructor. (3)

HPR 215 - Introduction to Public Health

Addresses population-focused health care and examines concepts of community and public health and health policies affecting U.S. populations. The course also emphasizes primary, secondary, and tertiary levels of prevention related to health problems/diseases. Offered fall semester and spring. (3)

HPR 225 - Health Psychology

Examines the relationship among health knowledge, beliefs, attitudes, and behaviors, as well as health theories to promote and maintain wellness, illness prevention, and treatment. Offered fall semester only. Liberal Arts Core/University Requirements Designation: DSINQ. (3)

HPR 230 - Community Health

Provides an overview of the field of community health, with emphasis on prevention of injuries and chronic and communicable diseases. Focuses on private and public actions that promote, protect, and preserve the health of communities. Offered spring semester only. (3)

HPR 240 - Principles of Epidemiology

Addresses the nature, prevention, control, and treatment of injuries and communicable and noncommunicable diseases. The course examines introductory epidemiological principles, methods, and strategies and the use of morbidity, mortality, and other vital statistics data in the scientific appraisal of public/organizational health. Offered fall and spring. Liberal Arts Core/University Requirements Designation: GP. (3)

HPR 260 - Introduction to Sports Medicine

Focuses on the role of fitness personnel in injury prevention, evaluation, and rehabilitation. Includes mechanisms of injury and tissue healing. This course offers both practical and field experience in sports medicine. (3)

HPR 300 - Essentials of Personal Training

This course provides learning instruction geared toward certification as a personal trainer following the American College of Sports Medicine recommendations. The course focuses on anatomy and physiology; exercise physiology; bioenergetics; and program design using concepts of strength, endurance, flexibility, power, and cardiovascular endurance. (3)

HPR 301 - Health/Fitness Program Management

Studies organizational patterns, administrative problems, and supervisory techniques in health, fitness, and recreation agencies. Includes financial management, personnel, public relations, liability, evaluation, and facility management. Prerequisite: EN 102. Liberal Arts Core/University Requirements Designation: WI. (3)

HPR 302 - Fitness and Health Assessment

Provides information and experience in the administration and interpretation of health risk appraisals and health-related fitness tests. Tests include blood pressure, body composition analysis, strength, endurance, flexibility assessment, basal metabolic rate, VO2 max, and submaximal cycle ergometry. Prerequisite: HPR 202. Liberal Arts Core/University Requirements Designation: DSINQ. (3)

HPR 304 - Developing Physical Training Programs

The study of functional anatomy with an emphasis on the skeletal, muscular, and nervous systems.

Prerequisite: HPR 202 and HPR 302. (3)

HPR 307 - Strength and Conditioning of Athletes

This course will provide the student with an advanced understanding of the principles and methods necessary to design comprehensive strength and conditioning programs that enhance athletic performance.

Prerequisite: HPR 201, minimum grade of C- in HPR 202. (3)

HPR 308 - Global Health and Culture

Introduces global health theories, concepts, and principles for health education and promotion practice. Worldwide cultural knowledge, communication, and competence are integrated to address the behavioral and social needs of diverse individuals and groups within the context of their culture and subcultures.

Contemporary, evidence-based topics are explored to examine health inequities across the globe. Liberal Arts Core/University Requirements Designation: DSINQ, GP (3).

HPR 330 - Designing Public Health Programs

This course integrates theory and practice to develop a comprehensive understanding of the process of planning, implementing, and evaluating health fairs and public health promotion programs in schools, workplaces, health care organizations, and communities. Various approaches and real-world skills to reach diverse populations are investigated. Practical hands-on experience will be an emphasis to promote engagement with the knowledge learned during the design and execution of a health fair. Prerequisite: HPR 215. (3)

HPR 335 - Current Topics in Public Health

This course will address emerging topics in the public health field and will vary from semester to semester. Planned topics include health disparities, substance abuse and addiction, public health ethics, and health advocacy. Prerequisites: HPR 215 and HPR 240. (3)

HPR 340 - Nutrition for Optimal Health

Examines the role of nutrition in maintaining health through the life-span. Includes information on macro- and micronutrients, weight management, sports nutrition, and disease prevention. (Nursing students should take HPR 345.) Prerequisite: EN 101. (3)

HPR 345 - Clinical Nutrition

This course explores the nurse's role in the management of therapeutic nutrition in promoting health and/or managing illness. The collaborative and teaching roles of the nurse are addressed and specific interventions are identified for primary, secondary, and tertiary prevention for clients receiving nutritional therapy. Knowledge and interventions needed for maximizing therapeutic effects and preventing or minimizing adverse effects of therapy are emphasized. Offered spring semester only. Prerequisite or corequisite: BIO 162. Prerequisites: EN 101 and BIO 161. (3)

HPR 390 - Public Health Minor Capstone Project

This independent study and seminar course requires the student to apply public health concepts to his/her major area of study. The course is flexible and allows students to develop a project in the area of public health with specific relevance to the student's discipline. Projects may involve research, service learning, or community-based volunteer work. Students are expected to meet as a group in a seminar class to discuss their projects and to publicly present their project. Prerequisites: HPR 215 and HPR 240 with a minimum grade of C- and permission of instructor. (1)

HPR 400 - Senior Internship

Offers students the opportunity for supervised, practical experience in the organization and administration of physical fitness programs to further skills in direct leadership. Placement options include community, corporate, or commercial fitness/recreation facilities or within a sports medicine setting such as a physical therapy clinic. This is the culminating experience for health science majors. Offered each semester. Prerequisites: HPR 202, HPR 302, HPR 304, HPR 410. Liberal Arts Core/University Requirements Designation: EXP. (3)

HPR 406 - Stress Management

Designed to help assist individuals to better identify, understand, and manage their own stressors and stress response. Numerous stress management techniques are demonstrated to enhance students' professional practice in the health and psychology fields. Prerequisites: EN 102, and PSY 101 or PSY 110. Liberal Arts Core/University Requirements Designation: SS-2. (3)

HPR 410 - Anatomical Kinesiology

The study of functional anatomy with an emphasis on the skeletal, muscular, and nervous systems.

Prerequisite: HPR 202. (3)

HPR 415 - Applications in Human Performance

Applies the concepts of anatomical kinesiology, cardiovascular physiology, and exercise science to the practice of biomechanics, cardiac rehabilitation, and athletic performance. Prerequisites: EN 102, minimum grade of C- in HPR 304, and minimum grade of C- in HPR 410. Liberal Arts Core/University Requirements Designation: DSINQ, WI. (3)

HPR 421 - Project

An elective investigation of a selected topic in the major emphasis area under the direction of a faculty advisor. The project is intended to demonstrate ability to conduct independent research and present results in writing of commendable quality. Offered each semester. Prerequisite: permission of instructor. (3)

HPR 430 - Public Health Senior Seminar

This capstone seminar is designed for health sciences majors in the public health track nearing the end of their undergraduate program. Students will critically analyze public health literature from various aspects of the field to explore how public health approaches are applied to prevention and control. Students will produce a major integrative paper that reflects competence in critical thinking and written/oral communication. Prerequisites: HPR 330 and HPR 335. Liberal Arts Core/University Requirements Designation: DSINQ, WI. (3)

HPR 433 - Research

A student in this course will conduct collaborative research (scholarly work leading to new knowledge) under the direction of a faculty member. Prerequisite: application and approval of department chair. Liberal Arts Core/University Requirements Designation: EXP. (1-6)

HRM - Human Resource Management

HRM 335 - Human Resource Management

An introduction to human resource functions, including workforce planning, recruitment, selection and training procedures, management development, wage and salary administration, and labor relations. Prerequisite: MGT 123 or EN 102. (3)

HRM 336 - Labor Relations

A survey of the American labor movement with focus on legislation and regulations governing the management of employees. Discussion of unions, labor contracts, and employer-employee relations. (3)

HRM 423 - Performance Management and Compensation

Topics include performance management methods and the development of effective feedback and reward systems, including methods to determine pay structures, and individual pay decisions. Emphasis on motivational and productivity issues underlying the development of effective performance management and compensation systems. Prerequisite: HRM 335. (3)

HU - Humanities

HU 201 - The Western Tradition I

This is the first half of an interdisciplinary humanities survey. It will focus on the seminal works (literary and artistic), the figures, and the ideas of Western Civilization, from its beginnings in the Middle East through classical antiquity and the Middle Ages to the Renaissance. (3)

HU 202 - The Western Tradition II

This is the second half of an interdisciplinary humanities survey. It will focus on the seminal works (literary and artistic), figures, and ideas of Western Civilization, from the Reformation to the end of the Cold War. (3)

ID - Interior Design

ID 101 - Introduction to Interior Design and Theory

Introduction to the profession of interior design, its relationship to other design disciplines, and all the occupational opportunities and responsibilities of the practitioner. Emphasis on basic design concepts, vocabulary, theories, evidence-based design, and visual awareness of the built environment. Introductory course to the program and the profession. (3)

ID 102 - Foundation Studio I

Introductory studio that explores creative, abstract design-thinking as it relates to humans and the built

environment. Techniques of abstract ideation will be explored through design theories, design conceptualization and diagramming, and drawing and modeling in 2-D and 3-D compositions. Emphasis will be on creating a series of small-scale environments translating space and form through the interaction of the person and the environment. Studio. Prerequisite: grade of C- or better in ID 101. (3)

ID 121 - Freehand Drafting

Introductory course in freehand drafting for the representation and study of architectural form and the interior environment. Includes lettering, floor plans, sections, elevations, perspectives, and isometric drawings using various paper-based media. Studio. (3)

ID 122 - Sketching and Rendering for Ideas

This course explores the fundamental methods of graphic analysis, freehand sketching, and rendering for recording ideas and observations visually. These visual skills help designers to be creative and understand the documentation of work for construction. Emphasis will be placed on rapid and notational sketching for the built environment; rendering skills for architectural interiors and exteriors, furnishings, and accessories; and material simulation and delineation techniques through a variety of media including pen and ink, watercolor, and markers. Studio. Prerequisite: grade of C- or better in ID 121. (3)

ID 203 - Foundation Studio II

An introduction to the principles of interior design and the relationship of humans to the built environment. The course emphasizes the physiological and psychological needs of the end user and the means to analyze these needs. Design process, spatial problem solving, human factors, color theory, and historic precedents are introduced and applied. Freehand drawing techniques are reinforced through floor plans, elevations, and perspectives. Studio. Prerequisites: grade of C- or better in ID 102 and ID 122. (3)

ID 204 - Foundation Studio III

Studio focusing on interior design projects for small groups of people. Emphasis is on designing for various socio-economic populations, familial structures, and other cultures. The course reinforces the visual communication techniques introduced in Presentation Drawings and the design skills introduced in Foundation Studios I and II. Studio. Prerequisite: grade of C- or better in ID 203. Liberal Arts Core/University Requirements Designation: DSINQ. (3)

ID 223 - Presentation Drawings

Exploration of the concepts, theories, and methods of computer applications for the schematic and design development phases of the design process. This course is designed to reinforce presentation techniques and graphic technical skills introduced in Sketching for Ideas and Freehand Drafting. Students will continue to develop freehand sketching, freehand drafting, and rendering. A laptop computer meeting departmental specifications is required for this course. Studio. Prerequisite: grade of C- or better in ID 122. (3)

ID 231 - Textiles and Finish Materials

Focuses on textiles and finish materials used in interior environments with an emphasis on types of fiber, construction techniques, and the end use of products. Collection of a database for textiles and materials is required. Sustainable design, building codes, standards, and regulations are studied. (3)

ID 305 - Practice Studio I

Studio course that focuses on the development of comprehensive design solutions for the practice areas of commerce and entertainment, such as retail and hospitality. Creative solutions are developed through case studies, innovative design concepts, and branding. This studio emphasizes principles of sustainability, wayfinding, and security, as well as oral, visual, and written design communication. Freehand drafting, millwork detailing, rudimentary selections of architectural and interior materials, modeling, and perspectives are developed. Studio. Prerequisites: grade of C- or better in ID 204 and ID 223. (3)

ID 306 - Practice Studio II

Study of strategic facilities planning for productivity and creativity, such as workplace, educational, or institutional environments. The course emphasizes programming analysis, schematic design, design development, workplace hierarchy, and design trends, including formal presentations with attention to life safety issues and building codes. The final portion will stress interior construction documents with attention to building systems, environmental systems and controls, fire suppression and detection, lighting and detailing requirements, and FF&E. Studio. Prerequisites: grade of C- or better in ID 305 and ID 325. Liberal Arts Core/University Requirements Designation: DSINQ. (3)

ID 325 - Construction Documents

Exploration of the concepts, theories, and methods of computer applications for the design, development, and construction document phases of the design process. This course is designed to reinforce computer applications and techniques introduced in Presentation Drawings. Students will continue to develop their proficiency in freehand sketching, freehand drafting, digital drawing, and rendering. A laptop computer meeting departmental specifications is required for this course. Studio. Prerequisite: grade of C- or better in ID 223. (3)

ID 332 - Building Technology

Survey of residential and commercial building systems. Focus on structural and environmental systems and the methods utilized in construction, installation, and sustainable design. Visits to construction sites as permitted. Prerequisite: junior status. (3)

ID 333 - Lighting Design

Provides a basic knowledge of and background to the various components and materials utilized in lighting with an emphasis on the terminology, principles, and theory of illumination design. Concentration on establishing objective criteria for making and evaluating decisions in the lighting design process. Prerequisite: junior status. (3)

ID 336 - Principles of Sustainable Design

An examination of the philosophical and practical principles of sustainable design through exploration of environmental issues, sustainable materials and methods, and professional practice. Students will develop awareness of the implications of design decisions upon the environment and will gain a foundation for evaluation of materials, processes, and practices of design according to the principles of sustainable and environmentally responsible design. Prerequisite: junior status. (3)

ID 350 - History of Interiors I

A historical and aesthetic survey with a focus on Western architecture, interiors, furniture, and decorative arts from ancient times through the 17th century. Stylistic developments, significant structures, important contributors, social history, and material culture are covered. (3)

ID 351 - History of Interiors II

A continuation of a historical and aesthetic survey with an emphasis on Western architecture, interiors, furniture, and decorative arts from the 17th to the 20th century. Stylistic developments, significant structures, important contributors, social history, and material culture are covered. (3)

ID 400 - Internship

Provides a field experience in the Washington metropolitan area. Appropriate settings include interior design firms, architectural firms, governmental design agencies, and businesses specializing in residential design. The internship is monitored by a faculty member. Liberal Arts Core/University Requirements Designation: EXP. (3-6)

ID 407 - Practice Studio III

Continuation of the studio sequence with focus on creativity and the design process in the built environment for areas of healing, restoration, and well-being. Programming and methodological inquiry will be used for problem solving in order to form a knowledge base for developing an in-depth research topic. Emphasis is on barrier-free design concepts, universal design application, and building and life safety codes. Collaborative teamwork skills and community service work will be major components of the course requirements. Studio. Prerequisite: grade of C- or better in ID 306. (3)

ID 408 - Senior Capstone I

Students develop individual capstone interior design projects to which they apply evidence-based design. Using case studies, journal research, and design literature, students investigate, collect, and analyze the complex problems and issues in interior environments related to their senior capstone project. Students work individually with group critiques to draft, revise, and complete written analyses of programmatic research and information relating to project needs. Multiple schematic design solutions are developed to explore concepts identified through research. Capstone project continues in ID 409. Prerequisites: grade of C- or better in EN 102 and ID 306. Liberal Arts Core/University Requirements Designation: WI. (3)

ID 409 - Senior Capstone II

Students complete individual capstone interior design projects using the programming and schematic design created in Senior Capstone I. The course highlights the

design process, including schematic design, design development, and construction documents. Emphasis is given to application of data collection and analysis, building and life safety codes, implementation of design concept, process development, and project presentation during professional critiques. Projects engage in appropriate application and documentation of interior architectural materials, furnishings, lighting, and details. Studio. Prerequisites: grade of C- or better in ID 407 and ID 408. Liberal Arts Core/University Requirements Designation: DSINQ. (3)

ID 412 - Furniture and Display Design

A survey of various construction methods and techniques used in the creation of custom designed furnishings with an emphasis on contemporary trends and the development of the necessary drawing and 3-D modeling skills to convey the design. Studio. Prerequisites: ID 122 and ID 204. (3)

ID 415 - Advanced Sketching and Rendering

Introduces the benefits of adopting the habits and skills of freehand sketching in the study of architecture and design. Freehand sketching and quick rendering techniques are explored in the examination of existing spaces in our physical environment. This course is intended to provide advanced drawing and rendering instruction for students of design who are traveling in order to discover the world of art and architecture. Prerequisite: ID 122. (3)

ID 416 - Digital Communication for Interior Design

The course is designed to reinforce presentation techniques and graphic technical skills introduced in sketching and rendering and in computer-aided drafting courses. Students will continue to develop their proficiency in freehand sketching, drafting, and rendering, as well as in computer-aided skills in drafting and rendering. Students will use digital technology to integrate their freehand design ideas with three-dimensional modeling, drawing, and rendering software. Students will learn various methods to complete enhanced, visually stimulating 2-D and 3-D rendered images to successfully communicate and present their final design solutions. Prerequisites: grade of C- or better in ID 223. (3)

ID 421 - Project

Investigation of a selected topic in the field of interior design. Provides an opportunity for majors to explore thoroughly a subject previously studied in the program or to investigate one that is not part of the curriculum.

The project is intended to demonstrate the ability to conduct independent research and present the results in an expert manner. Prerequisites: permission of a faculty advisor and the dean of the School of Arts and Sciences. (1-3)

ID 426 - Current Issues in Interior Design

Explores the human, environmental, and technical issues that have affected recent developments in interior design. Students will develop a personal design theory based on research in design philosophy from contemporary and historic sources. This course is a prerequisite for entrance into the track II graduate program. (3)

ID 434 - Business Procedures

Survey of interior design business practices from the types of design services to the types of business organizations. Analysis of various project phases, contract documents, and specifications are emphasized. Provides a broad understanding of business ethics, professional organizations, and procedures. Prerequisite: EN-102 and junior standing. Liberal Arts Core/University Requirements Designation: WI. (3)

ID 435 - Professional Development

An in-depth study of advanced professional practice, including marketing proposal and material writing, marketing presentations, and portfolio development. The course develops writing and presentation skills for the individual designer, emphasizing verbal, written, and graphic communication of project work and qualifications. Includes the development of a graphic portfolio of student work. Prerequisites: grade of C- or better in ID 305 and EN 102. Liberal Arts Core/University Requirements Designation: WI. (3)

ID 436 - Technology for Interior Design

Study of current and emerging interior design technologies. The course examines technical and organizational approaches to solving problems in the interior environment. Prerequisite: grade of C- or higher in ID-223. (3)

ID 438 - Color, Light, and Human Behavior

The course examines color theories in design and cross-disciplinary knowledge domains of science and psychology of color vision and perception. Investigations throughout the semester study function and application of color and light relationships in art, architecture, interior design, and photography. Students analyze and create simulations of color effects.

Perception of the interaction of color and light will be emphasized throughout the course. Prerequisites: grade of C- or better in FA 104 and ID 203. (3)

ID 452 - American Interiors

Covers American home and furniture design from the 17th century to the present. Architecture of the same period is analyzed relative to historic preservation, renovation, and adaptation. Liberal Arts Core/University Requirements Designation: WI. (3)

ID 453 - Modern Design and Architecture

Background of the dominant influences and character of interiors and architecture during the 20th century and beyond. Through local field trips and a variety of techniques, students will explore modern developments, relations to the preceding periods, and the effects on the present era. (3)

ID 454 - Historic Preservation

An introduction to the terminology, principles, practices, and development of historic preservation in the United States with particular emphasis upon interior design. Through various media presentations, local field trips, and guest speakers, students are exposed to the current thinking in the profession. Prerequisite: EN 102. Liberal Arts Core/University Requirements Designation: WI. (3)

ID 458 - Interior Design Study Tour

Short-term study tours to a variety of locations provide an introduction to the historical and aesthetic study of architecture, interiors, furniture, and art, covering a variety of periods in the United States and abroad. In selected cities, participants will visit museums, significant buildings, and sites. Outcomes may be cross-cultural analyses of history context and/or design problem solving. Prerequisites: FA 202 and ID 350. (3)

IS - Interdisciplinary Studies

IS 200 - Approaches to Gender and Society

Examines contemporary issues of gender across the curriculum as they relate to such disciplines as language, writing, popular culture, the media, work, science, psychology, ethics, and history. In addition to lecture/discussion in the classroom, students will view films and participate in community learning as they explore the impact of gender on our common humanity.

Liberal Arts Core/University Requirements

Designation: WI. (3)

IS 205 - Introduction to Sustainability

Introduces students to the interdisciplinary field of sustainability by exploring interconnected environmental and social problems facing our planet. A review of the current state of the environment will be conducted by understanding threats, both global and local, posed by global warming-induced climate change and natural resource depletion. (3)

IS 220 - The Movie or the Book? Narrative Adaptation in the Cinema

A study of narrative strategies in film, looking both at adaptations of the narrative from print to film, and among film genres. Films will be examined from a literary perspective, including an introduction to the vocabulary of film studies from various theoretical backgrounds such as feminism, genre studies, and multiculturalism. Special attention to how the choice of media affects storytelling and how visual narratives differ from, or derive from, textual narratives. Prerequisite: EN 102 or permission of instructor. (Also listed as EN 220.) Liberal Arts Core/University Requirements Designation: LT-1. (3)

IS 233 - Introduction to Quantitative Science

This synthesis course introduces students to the importance of interdisciplinary work in mathematics and the sciences. Modules are used to demonstrate connections between scientific phenomena and techniques in mathematics and computation. Students will develop a broad understanding of how mathematics and computer simulations can be used to understand phenomena in the natural sciences. Prerequisites: grade of C or better in MA 181 (or MA 172), MA 218, and BIO 151. (3)

IS 240 - Introduction to Film and Visual Studies

An introduction to the core concepts, methods, and vocabularies of film study and visual analysis. This course is required for all students enrolled in the interdisciplinary media and performance studies minor or the media and performance studies concentration of the English major. These students must earn a grade of C or better. Prerequisite: EN 102 or permission of instructor. (Also listed as EN 240.) Liberal Arts Core/University Requirements Designation: LT-1, DSINQ, WI. (3)

IS 300 - Advanced Gender Studies

Advanced topic areas not already covered by regular course offerings will be offered. An interdisciplinary course focusing on one of a variety of topics in gender studies, such as gender and violence, contemporary feminist theory, the body, gender and language, women and religion, and masculinities. Contact instructor for topic. Repeatable course for up to nine (9) credits, provided the student selects different topics. (3)

IS 404 - Performance Media Lab

Enables students to explore the connections among the arts, humanities, science, and technology; create a product to illustrate their collaborative research and interdisciplinary study; and present their product to the community in a public forum. Repeatable course. Prerequisite: junior/senior status within the communication or media design major; permission of instructor for non-majors. Evidence of a completed upper-level research course project is recommended. (Also listed as GMD 404.) Liberal Arts Core/University Requirements Designation: DSINQ. (3)

IS 420 - Gender and Society Capstone

IS 420 is a capstone course that students will complete through rigorous investigation of an issue in gender studies. (3)

IS 421 - Project

An investigation of a selected topic in the area of international studies. This course is intended to develop independent research capabilities and presentation techniques in the area of interdisciplinary study and may be paired with an existing senior seminar. Prerequisite: approval of a faculty advisor and a second faculty reader from a different discipline. (1-4)

IT - Information Technology

IT 110 - Information Technology in the Global Age

This course introduces students to the role of information technology in today's global business, political, and government environments, and in society in general. It examines the role of technology globally, particularly as it is used for cultural awareness, business development, political change, and social improvement. The negative aspects of technology (e.g., dumping of end-of-life hardware in developing countries) are also discussed. The course studies infrastructure (hardware, software, networking, and the internet),

communications, databases, website development, and information security. The course also focuses on career development in terms of knowing how to apply technology as well as an understanding of industry-standard tools. Liberal Arts Core/University Requirements Designation: GP. (3)

IT 120 - Cybersecurity Principles

Introduces the increasingly important field of cybersecurity. Students examine the major attack vectors, such as cybercrime, malware, and hacking. They examine the tools and techniques available to protect individuals, governments, and companies. Students become aware of cybersecurity risks and vulnerabilities and how to mitigate them by the application of computer science and cybersecurity principles. The course also covers privacy and the correct handling of personal information. Students must achieve a minimum grade of C. Liberal Arts Core/University Requirements Designation: DSINQ. (3)

IT 125 - Web Development

Provides students with the knowledge and skills to create and maintain complex web sites. Tools such as HTML5, Cascading Style Sheets (CSS), JavaScript, and XML are covered as students develop increasingly sophisticated client-side web applications, including dynamic pages such as web data collection forms. Security concerns associated with web forms are also discussed. Students must achieve a minimum grade of C. (3)

IT 130 - Java Programming

Introduces students to writing programs for computers using the Java programming language. It provides an introduction to techniques of problem solving, algorithm development, and object-oriented software development. Students must achieve a minimum grade of C. (4)

IT 205 - Computer Technology

Examines how computers work, including the components of technology: hardware, operating systems, storage, and networking, and how these components work together to support an array of information technology applications. Students troubleshoot, repair, configure, and upgrade computer systems in a hands-on environment. This course examines computer technology in the past, present, and future, providing the framework for later courses. This course is a prerequisite for preparing for a career in computer support and maintenance. Students must

achieve a minimum grade of C. Liberal Arts Core/University Requirements Designation: DSINQ. (3)

IT 210 - Software Engineering

Studies the entire system life cycle, including requirements analysis, system analysis and design, software development, software acquisition, system integration, and system maintenance. Software quality and software assurance are also covered. Students get experience with techniques used in commercial environments, such as UML. Prerequisite: EN 102. Students must achieve a minimum grade of C. Liberal Arts Core/University Requirements Designation: WI. (3)

IT 223 - Sophomore IT Seminar

Provides additional interaction with sophomore students as a group. Sample activities include lectures on current IT topics, identification of career opportunities through guest speakers and site visits, the enhancement of experience through information literacy, and the identification of certification needs. Students will plan and give several small presentations, individually and in groups, and jointly prepare a website about the IT program. Students must achieve a minimum grade of C. (1)

IT 225 - Advanced Web Development

This course extends the web programming skills developed in IT 125, including using new web technologies. The course reviews and extends client-side technologies, including HTML5, CSS, and JavaScript and covers in-depth server-side programming languages such as PHP, Python, and C#. Content management systems are also covered in depth. Students must achieve a minimum grade of C. Prerequisite: IT 125 or IT 130 with a grade of C or higher. (3)

IT 227 - Mobile App Development

Cross-platform mobile development refers to the development of mobile apps that can be used on multiple platforms. This course will examine cross-platform mobile development from multiple perspectives. Students will become familiar with the benefits and limitations of cross-platform development compared to developing native mobile applications. Students will examine two of the prominent cross-platform frameworks — Apache Cordova and App Machine — and will look at how common web development standards such as HTML5, CSS, and JavaScript can be used to create apps that run on both

Android and iOS devices. A segment of this course will be devoted to hands-on app development. Students will work individually and in groups to design, develop, and test mobile apps. Students must achieve a minimum grade of C. Prerequisite: IT 125 or IT 230 with a minimum grade of C or higher. (3)

IT 229 - Python Scripting

This course is an introduction to writing scripts using the Python language and its tools and libraries to solve common information technology, data science, and cybersecurity problems. This course will cover the basics of scripting, syntax, and data representations. It will examine different ways to use scripting to automate and simplify tasks performed in various information technology fields. Students will learn how to write algorithms and regular expressions to extract relevant information from datasets, and for more complicated problems, they will learn how to reuse industry-standard third-party packages. Students must achieve a minimum grade of C. Prerequisite: IT 125 or IT 130 with a grade of C or higher. (3)

IT 230 - Advanced Java Programming

Extends the programming knowledge introduced in IT 130. The course covers more complex programming techniques, including programming in a network environment. Data structures, such as linked lists, stacks, queues, and trees, are discussed in the context of the Java programming language. Students must achieve a minimum grade of C. Prerequisite: IT 130 with a grade of C or higher. (4)

IT 305 - Computer Networking

Examines how data gets from one computer to another, including through local area networks (LANs), wide area networks (WANs), and the internet. Networks are discussed in terms of the Open Systems Interconnect (OSI) seven-layer model. Network operating systems and network middleware are examined. The course is designed to prepare students with the knowledge necessary to pass the CompTia Net+ certification, a prerequisite for preparing for a career in network administration. Students must achieve a minimum grade of C. Prerequisite: IT 205 with a grade of C or higher. (3)

IT 310 - Database Technology

Studies the design and implementation of relational databases. Entity-relationship (E-R) diagrams and other design techniques are covered, and students get practical experience with their use. SQL programming techniques

are also used to build, update, query, and generate reports from databases. XML techniques are also examined. Students must achieve a minimum grade of C. (3)

IT 315 - Operating Systems and Virtualization

This course covers the functions of modern operating systems, including their application in virtualized and cloud environments. Students work with Microsoft Windows and Unix/Linux operating systems in standalone, networked, and virtualized configurations. Concurrency and the ability to manage multiple users, multiple tasks, and multiple cloud processes are discussed. The course also explores how the operating system manages its hardware resources including memory, file systems across multiple storage types, and networks. Students must achieve a minimum grade of C. Prerequisite: IT 205 with a grade of C or higher. (3)

IT 320 - Structure of Programming Languages

Allows students to study language development and provides exposure to the major programming paradigms. Attention is given to variable types, sequence control, recursive subprograms, concurrent execution, parameter passing, and scope. Storage management strategies are also discussed. Students must achieve a minimum grade C. Prerequisite: IT 225, IT 227, IT 229, or IT 230 with a minimum grade of C or higher. (3)

IT 321 - Cloud Computing

This course will provide students with the knowledge and skills required to understand today's cloud infrastructure and services. It focuses on the different types of cloud infrastructure and the key considerations in migrating from an on-premise information system to one that partly or fully uses cloud computing. The course covers the technologies and processes required to build traditional, virtualized, and cloud data center environments, including resources for computation, storage, networking, and applications. Effective migration to the cloud, business continuity, security, multi-cloud solutions, and cloud management are all covered. Students must achieve a minimum grade of C. Prerequisite: IT 315 with a grade of C or higher. (3)

IT 322 - Game Design

This course introduces the various genre of computer-based games (multi-level, multi-player, etc.) and how they are applied in entertainment and various industries. The course will cover digital imaging concepts, the importance of a compelling narrative, the human

computer interface, the animation process, virtual reality, and augmented reality. Games on different platforms (console, PC, mobile, Web-based, etc.) and from various game developers (e.g., Activision, Electronic Arts, etc.) will also be evaluated for design concepts. Students must achieve a minimum grade of C. Prerequisites: IT 210, IT 345, and a programming course (IT 227, IT 229, or IT 230) with a grade of C or higher (3).

IT 323 - Junior IT Seminar

Provides additional interaction with junior students as a group and will be a continuation of the activities begun in IT 223. Sample activities include lectures on interesting IT topics, a review of major specialties, guest speakers and site visits, the application process for summer research projects and internships, and the development of multidisciplinary applications of IT. Other topics may include preparation for industry certification, the application of information literacy skills, and the identification of scholarship opportunities. This course prepares students for the internship in their senior year. Some sessions will be held with mathematics and biology students. Students will plan and give at least one significant group presentation supported by research. They will also manage a database of research, internship, and job opportunities. Students must achieve a minimum grade of C. (1)

IT 324 - Story and Narrative Development for Video Games

In this course, students will examine how storytelling acts as an important element in game play. The students will look at several games (historical and contemporary) and evaluate and interpret different story styles. Based on these evaluations, students will be required to identify themes for their own video games. The students will explore the traditional narrative processes, such as three-act structure, and learn how to define character, setting, and structure to creating a compelling game. Students must achieve a minimum grade of C. Prerequisite: IT 322 with a grade of C or higher. (3)

IT 325 - 3-D Modelling and Animation

In this course, students will explore modeling of assets (e.g., buildings, creatures, and humans) for interactive gaming applications using platforms such as Blender and Maya. Students will design and build assets for their own games. Students will explore data visualizations, motion graphics, and 2-D/3-D animation techniques. As

a result, students will know how to parameterize their assets for animation and muscle flow. Students must achieve a minimum grade of C. Prerequisite: IT 322 with a grade of C or higher. (3)

IT 326 - Game Development and Production

Students will work with a professional game development platform such as Unity or Unreal Engine to develop professional-grade games. Students will also play video games developed by others, testing them for usability, accessibility, and quality. Students will implement the concepts learned in previous courses, including compelling narratives and well-built and designed assets. Students must achieve a minimum grade of C. Prerequisite: IT 325 and IT 355 with a grade of C or higher. (3)

IT 328 - Mobile Gaming

In this course, students will focus on the design and development of games for the increasingly growing mobile marketplace. They will develop stand-alone games for selected audiences (e.g., young children) and develop effective mobile interfaces to web-based games. Students must achieve a minimum grade of C. Prerequisites: IT 325 and IT 227 with a grade of C or higher. (3)

IT 331 - On-Premise and Cloud System Administration

This course focuses on the major system administrator activities in modern operating systems (Windows and Unix/Linux) and the many tasks required to ensure the effective running of these systems on-premise or in the cloud. Students analyze system logs and identify potential issues, apply operating system updates, patches, and configuration changes. They explore the DevOps methodology for constant updating and install and configure new hardware and software physically and in multi-cloud environments. The course emphasizes task automation and includes extensive shell scripting. Students must achieve a minimum grade of C. Prerequisite: IT 315 and IT 321 with a grade of C or higher. (3)

IT 335 - Corporate Cybersecurity

Provides students with a broad understanding of corporate information security and the tools and techniques used to implement it. It provides a framework for addressing security problems and provides hands-on experience with security products. Specific topics covered include firewalls, host security, cryptography, privacy, application, security, and incident and disaster response. The course is designed to

prepare students with the knowledge necessary to pass the CompTia Security+ certification, a prerequisite for preparing for a career in information security. Students must achieve a minimum grade of C. Prerequisites: IT 305 and IT 120 with a grade of C or higher. (3)

IT 340 - Data Structures and Algorithms

Provides an introduction to effective data structures and algorithms. The testing and evaluating of data manipulation algorithms with respect to memory needs, complexity, and speed are emphasized. Students must achieve a minimum grade of C. Prerequisite: IT 225, IT 227, IT 229, or IT 230 with a grade of C or higher. (3)

IT 341 - Data in the Cloud

This course focuses on enterprise data storage and management technologies on-premise and in the cloud. It covers the different types of storage systems; storage networking technologies; and concepts related to availability, business continuity, data security, and storage. It includes available database techniques (SQL and NoSQL) and techniques to manage large datasets (for example, Hadoop). Students must achieve a minimum grade of C. Prerequisites: IT 310 and IT 321 with a grade of C or higher. (3)

IT 345 - Human Computer Interaction

Examines an important part of system development: the human-computer interface. A good human-computer interface can increase the usability of a system and contribute to its success, affecting such things as time to adopt, customer satisfaction, and data quality. The course examines the entire spectrum of human needs in designing, building, operating, and using information technology. Students must achieve a minimum grade of C. (3)

IT 351 - Cloud Security and DevSecOps

This course focuses on the security of cloud resources and the DevSecOps methodology in today's continuous integration environments. It covers the additional risk associated with the cloud computing infrastructure. It includes a myriad of security functions and the responsibilities of the cloud provider and the customer in the shared security model. It also covers the deployment and security of the virtual infrastructure, including scripted installations, advanced virtual switching for security, server monitoring for health and resource management, high-availability management, system backups, and fault analysis. Students must achieve a minimum grade of C. Prerequisites: IT 120 and IT 321 with a grade of C or higher. (3)

IT 355 - Software Testing, Documentation, and Quality Assurance

Focuses on documentation and quality assurance in the system development process in general and software testing in particular. It includes practical experiences with preparing documentation in each phase of the system life cycle and the use of this documentation to ensure the quality of the final product. Software testing methodologies and strategies are addressed. Students must achieve a minimum grade of C. Prerequisite: IT 210 with a grade of C or higher. Liberal Arts Core/University Requirements Designation: WI. (3)

IT 360 - Topics in Information Technology

Presents emerging topics and varies from semester to semester. Recent topics have included international information technology, Second Life, and computer security. Students may take the topics course more than once in fulfilling degree requirements within the major. Students must achieve a minimum grade of C. Prerequisite: varies with topic. (3)

IT 370 - Computer Forensics

Covers the major topics in the field of computer forensics, combining information technology skills with criminal justice concepts. Students examine the field using topics required for the International Society of Forensic Computer Examiner's Certified Computer Examiner standing. Students must achieve a minimum grade of C. Prerequisite: IT 205 with a grade of C or higher. (3)

IT 372 - Cisco Networking I

Examines the basic principles of Cisco networking through a study of local area networks (LANs). Cisco network operating system (IOS) and networking connectivity devices (routers and switches) are introduced via online and hands-on labs. The course is designed to prepare students with the knowledge and skill set necessary to pass the Cisco Certified Entry Networking Technician (CCENT) certification exam, a prerequisite for an advanced certification and career in Cisco networking. Students must achieve a minimum grade of C. Prerequisite: IT 305 with a grade of C or higher. (3)

IT 375 - Cisco Networking II

Examines the principles of Cisco routing within local area networks (LANs) and wide area networks (WANs). Cisco routers and switches are configured to set up LAN and WAN connectivity. The course is designed to

prepare students with the knowledge and skills necessary to pass the Cisco Certified Network Associate (CCNA) certification exam, a well-accepted certificate in network engineering. Students must achieve a minimum grade of C. Prerequisite: IT 372 with a grade of C or higher. (3)

IT 380 - Electronic Document and Record Management

Introduces the concepts and technology of electronic document and records management systems. Discusses how digital data, electronic records, and electronic document management are vital in organizational efforts to assure comprehensive record keeping in today's digital culture. Topics include business and legal concepts, computer storage media, techniques for transforming paper to electronic records, the impact of data formats on electronic documents, and the selection of software to manage documents and records. The course describes how to address records retention, disposition, retrieval, and data protection in an organizational environment that produces volumes of electronic records through email, office desktop computer files, and data in corporate databases. Methods are presented to assure that accurate, authentic, and trustworthy records can be preserved. The course addresses specific applications of this technology, including medical records and e-discovery. Students must achieve a minimum grade of C. (3)

IT 385 - Managing Big Data

Introduces the concepts and technology behind big data, including technology to handle the four tenets: volume, veracity, variability, and velocity. The technology is explored that will enable the large volumes of data, including tools such as Hadoop. Data collection techniques will be examined and students will perform a series of activities, including data scraping, data wrangling, and data merging. Extraction, transformation, and loading (ETL) techniques will be developed with a focus on the quality of data. Technology to store and analyze structured, unstructured, and text data will be evaluated, and the new technology evolving, such as NOSQL databases, will be researched in detail. Students must achieve a minimum grade of C. Prerequisite: IT 310 with a grade of C or higher. (3)

IT 389 - IT Field Experience

This course allows students to extend their learning outside the classroom and take advantage of many business-focused learning opportunities, including a global experience, an in-country field experience, a

company-sponsored educational program at the corporate location, a research and a conference experience, or an extended IT volunteer experience. Students will be required to generate a project plan, research the individual opportunity in-depth, attend the field experience, and develop a thoughtful reflection paper on the learning experience. Students must achieve a minimum grade of C. Prerequisites: MSC 345 and IT 210 with a grade of C or higher. (3)

IT 390 - Cybersecurity: Attack and Defend

Provides hands-on experience for students to defend computer networks against a variety of cyber attacks including malware, hacking, denial-of-service attacks, and password cracking. Students use a variety of reconnaissance techniques such as sniffing, scanning, fingerprinting, and war driving to identify vulnerabilities in a variety of systems and networks. In addition, students execute attack-and-defend scenarios and document their results. Students must achieve a minimum grade of C. Prerequisite: IT 335 with a grade of C or higher. (3)

IT 423 - Senior IT Seminar

Provides additional interaction with senior students as a group, particularly as they begin their internship and the capstone project. Sample activities include understanding the Real-Projects-for-Real-Clients Course (RPRCC) methodology, discussing reasons for continuing studies in graduate school and the application process, finding a job with career prospects, selecting a capstone project, and writing a project proposal and project plan. Some sessions will be held with mathematics and biology students. Students will plan and give at least one significant presentation supported by research. Students must achieve a minimum grade of C+. Prerequisite: IT 323 with a grade of C or higher. (1)

IT 433 - IT Research

A student in this course will conduct collaborative research (scholarly work leading to new knowledge) under the direction of a faculty member. Students must achieve a minimum grade of C. Prerequisite: application and approval of department chair. Liberal Arts Core/University Requirements Designation: EXP. (1-3)

IT 489 - Capstone Project

This capstone course for students in the B.S. in information technology program is designed to allow students to engage in a Real-Projects-for-Real-Clients Course (RPRCC) opportunity. Students work closely

with a client, develop a detailed project proposal, conduct the work, develop a project report, and write a project perspective after the project is complete. The course is a program requirement and involves several writing assignments. Students must achieve a minimum grade of C+. Prerequisites: IT 355 and MSC 345 with a grade of C or higher and senior status. Liberal Arts Core/University Requirements Designation: DSINQ, WI. (3)

IT 490 - IT Internship

Toward the end of their program, students engage in an internship in the IT field, focusing on their individual specialty. The internship is administrated by the internship coordinator in the School of Business and Technology. The internship is for a minimum 120 hours, must be in the information technology field, and must be approved by the internship coordinator and an academic advisor. Prerequisites: at least 90 credits, a C or better in IT 323, and an overall cumulative GPA of 2.0 or higher. Liberal Arts Core/University Requirements Designation: EXP. (3)

LA - Legal Administration

LA 248 - Business Law I

A study of the rights and relationships involved in the laws of contracts, sales, and agency, including the Uniform Commercial Code. Prerequisite: MGT 123. (3)

LA 249 - Business Law II

A study of the law relating to the development and operations of partnerships, limited liability companies, and corporations, and of the government agencies that regulate business. Prerequisite: LA 248. (3)

LA 250 - Legal Aspects of Health Care

Provides an overview of the basic laws that govern health care, one of the most heavily regulated industries in the U.S. Students examine various health care legal issues including reimbursement law, quality, malpractice, cost containment, licensure, antitrust, and systems development. Students will also have a strong introduction to writing legal analyses of various regulations governing the delivery of health care services and the many ethical issues facing health care. (3)

LA 280 - Introduction to the Legal System

A study of various sources of law and federal and state court systems. Survey of the various kinds of law practices, the role of attorneys and paralegals, ethics, and legal research. (3)

LA 301 - Civil Litigation

An introduction to the rules governing lawsuits, the jurisdiction of federal and state courts, and the procedures in preparing materials for trial. Emphasis on techniques of client interview, information gathering, organizing, and retrieval. (3)

LA 302 - Criminal Litigation

An introduction to the rules governing criminal procedures from indictment, pretrial motions, plea bargains, and jury selection through prosecution by the trial court, emphasizing the role of the paralegal in the process. (3)

LA 315 - Sport Law

A study of the various legal issues that arise in sports, both amateur and professional, and the sports industry, including the laws of agency, contracts, and torts that govern sports and the sporting industry. Explores the business and legal issues involved in the formation and administration of minority sports interests, including Title IX of the Civil Rights Act and the Americans with Disabilities Act. Also explores various property and labor issues, including dispute resolution and antitrust matters, the workings of various aspects concerning international sports, the issues involved in substance abuse and drugs in sports, and general ethical issues. (3)

LA 430 - Current Issues in Employment Law

A study of current trends, issues, recent legislation, court decisions, and regulations as they affect the human resource function. (3)

LS - Liberal Studies**LS 300 - Liberal Studies Readings and Portfolio Development**

Students learn how to develop a personal portfolio that will function as a metacognitive record of their intellectual and experiential development in the liberal studies program. Readings that explore the values of the liberal arts are discussed to foster development of critical thinking skills and an understanding of the interrelationships among the liberal studies disciplines.

Prerequisite: EN 102. Liberal Arts Core/University Requirements Designation: WI. (3)

LS 400 - Liberal Studies Internship

Senior students are placed in an internship with a cooperating employer in the Washington metropolitan area. The internship is monitored by a supervising professor and a representative of the employing firm. May be fulfilled through portfolio assessment by students with significant work history. Prerequisite: senior status and approval of chairperson of liberal studies. Liberal Arts Core/University Requirements Designation: EXP. (3-6)

LS 420 - Senior Seminar

Senior students examine ways to integrate learning in the two chosen concentrations. Using computer technology, students conduct research to identify a suitable topic for a major thesis paper requiring scholarly support in both concentrations. When the thesis is completed, students are required to present and defend it orally to the class and the instructor prior to submission in writing. Prerequisites: EN 102, LS 300, and senior status. Liberal Arts Core/University Requirements Designation: DSINQ, WI. (3)

LS 421 - Project

Students investigate a selected topic in the major field. The goal is to demonstrate independent research and present scholarly results in writing of commendable quality. Prerequisite: approval of the dean of the School of the Arts and Sciences. (3)

MA - Mathematics**MA 019W - Quantitative Reasoning Workshop**

This course is the workshop portion of MA 119 Math for Liberal Arts with Quantitative Reasoning Workshop and must be taken concurrently with MA 119. The workshop provides a review of quantitative reasoning topics, including rate, ratio, and percents; perimeter, area, volume, and the units and conversion between units for those calculations; the mathematics of finance; linear models; visual representation of data; and estimation. This course is designed to help reduce students' mathematical anxiety and increase their confidence with mathematical applications. Credits for MA 019W may not be applied toward any degree. Corequisite: MA 119. (3)

MA 029W - Quantitative Reasoning Workshop for Statistics

This course is the workshop portion of MA 129 Statistical Analysis with Quantitative Reasoning Workshop for Statistics and must be taken concurrently with MA 129. The workshop provides a review of quantitative reasoning topics, including rate, ratio, and percent; linear models; visual representation of data; and estimation. This course is designed to help reduce students' mathematical anxiety and increase their confidence with mathematical applications. Credits for MA 029W may not be applied toward any degree. Corequisite: MA 129. (3)

MA 094 - Quantitative Reasoning

Provides a review of quantitative reasoning topics, including rate, ratios, and percents; perimeter, area, volume, and the units and conversion between units for those calculations; the mathematics of finance; linear models; visual representation of data; and estimation. This course is designed to help reduce students' mathematical anxiety and increase their confidence with mathematical applications. Intended as preparation for MA 121, MA 124, MA 127, and MA 132. Credits for MA 094 may not be applied toward any degree. Prerequisite: complete University's Directed Self-Placement process. (3)

MA 095 - Intermediate Algebra

This intermediate algebra course provides a review of topics, techniques, terminology, and applications of algebra. This course is intended as preparation for MA 151 and MA 171. Credits for MA 095 may not be applied toward any degree. Prerequisite: complete University's Directed Self-Placement process. (3)

MA 119 - Math for Liberal Arts with Quantitative Reasoning Workshop

This course is one part of a two-part module and must be taken concurrently with MA 019W Quantitative Reasoning Workshop. The course and its companion workshop review quantitative reasoning while presenting a survey of topics in college-level mathematics that develop critical thinking skills, flexibility of thought, appropriate problem-solving strategies, and the ability to express ideas in mathematical language. Strategies include modeling, using symmetry, algebra, logical reasoning, set theoretical analysis, detecting patterns, and making predictions. Emphasis is placed on developing skills in analysis, estimation, and verification. Prerequisite: complete University's Directed Self-Placement process.

Corequisite: MA 019W. Liberal Arts Core/University Requirements Designation: MT. (3)

MA 121 - Math for Liberal Arts

A survey of topics in mathematics that develops critical thinking skills, flexibility of thought, appropriate problem-solving strategies, and the ability to express ideas in mathematical language. Strategies include modeling, symmetry, algebra, logical reasoning, set theoretic analysis, and probability. Emphasis is placed on developing skills in analysis, estimation, and verification. Prerequisite: complete University's Directed Self-Placement process or a grade of C or better in MA 094 or MA 095. Liberal Arts Core/University Requirements Designation: MT. (3)

MA 124 - History of Mathematics

Further develops students' understanding of elementary mathematics using the history of the subject. Topics include numeration, computation, geometry, and the use of mathematics in problem solving. Offered spring semester only. Prerequisite: complete University's Directed Self-Placement process or grade of C or better in MA 094 or MA 095. Liberal Arts Core/University Requirements Designation: MT. (3)

MA 127 - Applied Geometry

A survey of elementary geometrical topics stressing numerical relations rather than proofs. Emphasis is given to topics needed for design and for teacher preparation below the secondary level (proportion, area and volume, elementary trigonometry, symmetry). Prerequisite: complete University's Directed Self-Placement process or a grade of C or better in MA 094 or MA 095. Liberal Arts Core/University Requirements Designation: MT. (3)

MA 129 - Statistical Analysis with Quantitative Reasoning Review for Statistics

This course is one part of a two-part module and must be taken concurrently with MA 029W Quantitative Reasoning Workshop for Statistics. The course and its companion workshop review quantitative reasoning while presenting an introduction to basic descriptive and inferential statistical procedures used in the analysis of data. Prerequisite: complete University's Directed Self-Placement process. Corequisite: MA 029W. Liberal Arts Core/University Requirements Designation: MT. (3)

MA 132 - Statistical Analysis

An introduction to basic descriptive and inferential statistical procedures used in the analysis of data. Prerequisites: complete University's Directed Self-Placement process or a grade of C or better in MA 094 or MA 095; placement into or completion of EN 101. Liberal Arts Core/University Requirements Designation: MT. (3)

MA 151 - Mathematical Methods for Business

This course uses Excel to apply mathematical analyses for data that reflects realistic business scenarios. Students will develop a deep understanding of linear models, including systems of linear equations and systems of linear inequalities. They will also be able to recognize, manipulate, and perform analyses involving polynomial and exponential functions. The course covers introductory probability, expected value, and regression. The mathematical concepts are applied to problems in break-even analysis, optimization, and decision analysis, with an eye to risk and sensitivity in model outcomes. Prerequisite: complete University's Directed Self-Placement process or a grade of C or better in MA 095. Liberal Arts Core/University Requirements Designation: MT. (3)

MA 171 - Calculus with Precalculus A

This is the first part of a year-long sequence that integrates the study of precalculus with the study of calculus. This first semester includes a review of functions, including polynomial and rational functions, limits, differentiation of algebraic functions, and applications of differentiation. Graphing calculators are used to explore properties of functions and to facilitate computations. Prerequisite: complete University's Directed Self-Placement process or a grade of C or better in MA 095. Liberal Arts Core/University Requirements Designation: MT. (4)

MA 172 - Calculus with Precalculus B

This is the second part of a year-long sequence that integrates the study of precalculus with the study of calculus. This second semester begins with an introduction to integration and continues to apply the study of differentiation and integration to exponential, logarithmic, and trigonometric functions. The course includes a careful look at integration using substitution and integration by parts. Graphing calculators are used to explore properties of functions and to facilitate computations. Completion of this course is equivalent to completion of MA 181. Prerequisite: a grade of C or better in MA 171. (4)

MA 181 - Calculus

Emphasizes separate visual, analytical, and numerical approaches to the fundamental ideas of elementary differential and integral calculus. Topics include differentiation and applications of the derivative, as well as a careful study of integration using substitution and integration by parts. Graphing calculators are used to explore properties of functions and to facilitate computations. Prerequisite: complete University's Directed Self-Placement process. Liberal Arts Core/University Requirements Designation: MT. (4)

MA 200 - Calculus of the Infinite

A continued study of differential and integral calculus of a single variable, with a focus on concepts in calculus considering infinite processes. Topics include the Riemann sum, areas and arc length in Cartesian and polar coordinates, volume of surfaces of revolution, improper integrals, and infinite sequences and series. Graphing calculators and computer algebra software are used to explore properties of functions and to facilitate computations. Offered spring semester of even-numbered years only. Prerequisite: complete University's Directed Self-Placement process or a grade of C or better in MA 172 or MA 181. Liberal Arts Core/University Requirements Designation: MT. (3)

MA 210 - Seminar with Introduction to Proofs through Discrete Math

This course introduces students to mathematical proofs through the topics of discrete mathematics and simultaneously exposes students to careers and opportunities in mathematics. Additionally, there is a focus on written and oral presentation skills for mathematical topics. Offered fall semester only. (3)

MA 215 - Linear Algebra and Proof Techniques

An introduction to proof through the study of real vector spaces, linear transformations, matrices, determinants, eigenvalues, and eigenvectors. The course will be proof-based with an emphasis on concepts and logic. The course is offered spring semester of odd-numbered years only. Prerequisites: grade of C or better in MA 172 or MA 181 and MA 210, or instructor permission. (3)

MA 218 - Probability and Statistics

Introduction to probability theory and statistical inference with a focus on applications in life sciences. Includes probability laws, probability distributions, sampling methods, experimental design, descriptive statistics, confidence intervals, hypothesis testing, types

of error, correlation and regression, and analysis of variance. Computer software for statistical computing is used to apply the concepts covered to realistic data sets from the biological and/or social sciences. Offered spring semester only. Prerequisite: complete University's Directed Self-Placement process. Liberal Arts Core/University Requirements Designation: MT. (3)

MA 221 - Multivariable Calculus

A study of multivariable calculus. Includes elementary three-dimensional geometry, vector-valued functions, partial differentiation, multiple integration, and computations using Green's and Stokes' theorems. Students are introduced to the appropriate use of computer algebra software to create three-dimensional graphs and to perform difficult numerical integration. Offered spring semester of odd-numbered years only. Prerequisite: grade of C or better in MA 172 or MA 181, or instructor permission. (4)

MA 230 - Scientific Computing

Introduces the use of computers in mathematics problem solving, including elementary numerical methods. Teaches programming fundamentals, including data and algorithm structure, and modular programming. Software vehicles include Excel, Mathematica, Matlab, and R. Offered fall semester of odd-numbered years only. (3)

MA 257 - Introduction to Number Theory and Proof Techniques

An introduction to proof techniques using the many methods of proof that arise in number theory. This course takes a formal look at the properties of the integers and includes topics such as congruencies, quadratic reciprocity, and solution of Diophantine equations. Offered spring semester of even-numbered years only. Prerequisite: grade of C or better in MA 210. Liberal Arts Core/University Requirements Designation: DSINQ. (3)

MA 260 - Discrete Mathematics for Information Technology

Introduces basic discrete mathematical ideas, many of which were developed in the late 20th century to solve problems in computer science. Topics include elementary logic, Boolean algebras and combinatorial circuits, number systems, sets, counting, elementary probability, and an introduction to graphs and trees. Offered fall semester only. Prerequisite: grade of C or better in a college-level mathematics course, complete

University's Directed Self-Placement process with placement into MA 171 or MA 181, or permission of the instructor. Liberal Arts Core/University Requirements Designation: MT. (3)

MA 309 - Mathematics Seminar

This weekly seminar is intended for mathematics majors, and encouraged for mathematics minors. Includes lectures on mathematical topics or careers in mathematics. Students will plan and give at least one large presentation, and they will partner with other students for smaller presentations. The large presentation must be researched using articles supported by MathSciNet investigations. Offered fall semester only. Prerequisite: MA 210 or permission of the instructor. (1)

MA 318 - Data Analysis with R

Introduces techniques for exploring, analyzing, and visualizing data in R. Intended for students who already have some background in probability and statistics and/or scientific computing. Topics include testing hypotheses, bootstrapping, Bayesian methods, and predictive analysis. Students will also learn strategies for dealing with missing or messy data and coping with large data sets. Offered fall semester of even-numbered years only. Prerequisite: grade of C or better in MA 218 or MA 230. (3)

MA 325 - Differential Equations

Provides students with a first look at ordinary differential equations that focuses on concepts rather than techniques and equally addresses qualitative, numeric, and analytic approaches to this subject. Students must work intelligently with a computer algebra system to analyze various differential equations and models that arise in the course. Topics include basic modeling, slope fields, bifurcations, some standard forms of differential equations, numerical methods, properties of linear systems, and the analysis of nonlinear systems. Offered fall semester of even-numbered years only. Prerequisite: grade of C or better in MA 172 or MA 181. Liberal Arts Core/University Requirements Designation: DSINQ. (3)

MA 385 - Approaches to Teaching Secondary Mathematics

Prepares the student to teach mathematics at the secondary level by integrating content mastery with effective pedagogical strategies. Field experience: 20 hours. Prerequisites: ED 200, ED 327, and PSY 110. (3)

MA 400 - Internship

Students register for an internship with a cooperating employer in the Washington metropolitan area. The experience is monitored by a supervising professor and a representative of the cooperating firm. Students completing requirements for mathematics teaching certification fulfill internship requirements through student teaching. Prerequisite: junior status. Liberal Arts Core/University Requirements Designation: EXP. (3-6)

MA 409 - Mathematics Seminar

This weekly seminar is intended for mathematics majors and encouraged for mathematics minors. Includes lectures on mathematical topics or careers in mathematics. Students will be expected to be a senior partner with other seminar participants preparing smaller investigations and will give a larger presentation explaining an approved mathematical topic from a refereed mathematics journal. Offered fall semester only. Prerequisite: MA 309 or permission of the instructor. (1)

MA 418 - Stochastic Modeling

A survey of real-world phenomena that are modeled using statistical methods. Topics include decision analysis (tables, trees, and utility theory); applications of Bayes Theorem; forecasting; regression; Markov chains; and game simulations. Offered spring semester of even numbered years only. Prerequisite: grade of C or better in MA 218. (3)

MA 420 - Abstract Algebra

An introduction to abstract reasoning in mathematics in the context of algebraic structures such as rings, fields, and groups. Offered fall semester of even-numbered years only. Prerequisite: grade of C or better in MA 215 or MA 257. Liberal Arts Core/University Requirements Designation: DSINQ, WI. (3)

MA 421 - Project

This course is for the independent study of a particular area of mathematics under the direction of a faculty member. Prerequisite: approval of department chair. (1-3)

MA 425 - Introduction to Real Analysis

An introduction to proof techniques using the many methods of proof that arise in the study of number systems and in continuous mathematics, with emphasis on proofs of calculus. Offered fall semester of odd numbered years only. Prerequisite: grade of C or better

in MA 200 and MA 215 or MA 257. Liberal Arts Core/University Requirements Designation: DSINQ, WI. (3)

MA 427 - Euclidean and Non-Euclidean Geometries

A study of plane geometry based on Euclid's axioms, both with and without the parallel postulate. Includes formal study of the consequences of these axioms and algebraic models of both Euclidean and non-Euclidean systems. Offered fall semester of odd-numbered years only. Prerequisite: grade of C or better in MA 215 or MA 257. (3)

MA 433 - Research

A student in this course will conduct collaborative research (scholarly work leading to new knowledge) under the direction of a faculty member. Prerequisites: application and approval of department chair. Liberal Arts Core/University Requirements Designation: EXP. (1-6)

MA 440 - Topics in Mathematics

This course is intended as an opportunity to offer an elective topic of interest for mathematics majors. Topics may be chosen from complex analysis, logic, topology, mathematical modeling, combinatorics, graph theory, and theory of computation. Prerequisites: grade of C or better in MA 200 and MA 210. (3)

MDS - Multidisciplinary Studies**MDS 480 - Senior Seminar**

This course examines ways to integrate learning across content areas and to use research in the problem-solving process. Students will evaluate research and design an applied research project for an appropriate area of interest. A written proposal and an oral presentation of the research project will be required. Prerequisite: senior status and admission to the teacher education program. Prerequisite: EN 102. Liberal Arts Core/University Requirements Designation: DSINQ, WI. (3)

MGT - Management**MGT 123 - The Business Experience**

A survey of American business with an experiential focus on the business resources of the Washington, DC, area. The student is given an overview of business formation; management origins; and the functional

relationships of marketing, finance, personnel, and production. For students completing a B.B.A., a minimum grade of C is required to continue in the program. (3)

MGT 291 - Business Communication

Focuses on the skills and approaches people in the business environment must have to communicate effectively at work. Emphasizes writing in a variety of formats, preparing and delivering business presentations, writing in teams, negotiating and interpersonal communication skills, and spending 40 percent of one's time with every writing/speaking assignment engaged in editing and revision. Requires successful demonstration in the use of today's technology to communicate with a variety of business audiences. Knowledge of PowerPoint required. Prerequisite: EN 102. Liberal Arts Core/University Requirements Designation: WL. (3)

MGT 304 - Organizational Management

A study of behavior in organizations and influences of individual, group, and organizational processes on performance. Among the topics that will be introduced are interpersonal perception, motivation, group and team dynamics, decision making, influence and conflict, interpersonal communication, and organizational cultures. For students completing a B.B.A., a minimum grade of C is required to continue in the program. Prerequisite: MGT 123 with a minimum grade of a C. Corequisite: MGT 291. Liberal Arts Core/University Requirements Designation: WL. (3)

MGT 315 - Entrepreneurship

This multidisciplinary course helps students learn the basic business, strategy, and leadership skills needed to launch and manage new ventures. Topics include learning how to assess the feasibility of a new venture as well as how to apply best practices for planning, launching, and managing new companies. Students discuss a wide range of issues of importance and concern to entrepreneurs and learn models and "rules of thumb" that help them navigate uncertainty. The opportunities and challenges of entrepreneurship are explored, as is the ability to use entrepreneurial skill sets in corporate environments. Prerequisite: EN 102. (3)

MGT 370 - Hospitality Management

This course is an introduction to the field of hospitality management. Hospitality management involves the business operations of running and managing hotels, restaurants, and other firms in the travel and tourism

industry. Topics explored include trends in the tourism industry, differentiation and operations within the hotel and restaurant industries, and the importance of service within the hospitality sector of the economy. Prerequisites: MGT 123, and ECO 210 or ECO 211. (3)

MGT 385 - International Business

An investigation of the international environment. Topics include multinational organizations, international trade, efforts of imports-exports on balance of trade, exchange rates, restraints, and controls. Prerequisite: ECO 211. Recommended: FIN 301. Liberal Arts Core/University Requirements Designation: GP. (3)

MGT 405 - Sport Management

Students will analyze problems and decisions facing managers and business leaders in the sport industry. In addition to formulating strategies for firms, leagues, and other organizations in the industry, this course will also focus on implementation challenges and issues. (3)

MGT 423 - Senior Business Experience

Provides additional interaction with senior students as a group. Activities and seminar requirements will be designed to encourage students to employ knowledge and skills from throughout their undergraduate curriculum to develop innovative business solutions to real-world problems. Students will be expected to identify and employ metrics to critically assess the strengths, weaknesses, opportunities, and threats associated with alternative solutions. Sample activities include guest speakers, site visits, and discussion of current business issues to identify problems and possible solutions. Students will be expected to provide written as well as oral analysis, both individually and as part of a group. Prerequisites: senior status, MGT 323, FIN 301, MKT 301, and MGT 304. Corequisite: MGT 489. Liberal Arts Core/University Requirements Designation: DSINQ. (1)

MGT 433 - Research

A student in this course will conduct collaborative research (scholarly work leading to new knowledge) under the direction of a faculty member. Prerequisite: application and approval of department chair. Liberal Arts Core/University Requirements Designation: EXP. (1-6)

MGT 451 - Strategic Management

An analysis of major business policy decisions using case studies, simulations, and class discussion. Development of the understanding of the

interrelationship of economic, marketing, financial, and management functions through integrating cases.

Prerequisites: FIN 301, MGT 304, MKT 301, and senior status. The minimum grade requirement for MGT 304 is a C. Liberal Arts Core/University Requirements Designation: DSINQ, WL. (3)

MGT 470 - Strategic Hospitality Management

This course is an examination of the creation and implementation of business policies within the hospitality management industry. A case study approach is used to address topics such as trends in the hospitality industry concerning ethics, training and development, reward systems, and effective communication.

Prerequisite: MGT 370. (3)

MGT 485 - International Management

An in-depth exploration of specific functions, roles, and skills needed to effectively manage in an international environment. Current management theories will be examined with regard to their applicability in the international area. Topics will include motivation, leadership, human resource management issues, strategy, and negotiation. Prerequisite: MGT 123 or EN 102. Liberal Arts Core/University Requirements Designation: GP. (3)

MGT 489 - Senior Business Seminar

The capstone course for students earning a B.B.A. An integrative learning experience providing a hands-on opportunity for students to write a professional business plan and learn the basics of project management. Prerequisites: senior status and MGT 451. Liberal Arts Core/University Requirements Designation: DSINQ. (3)

MGT 490 - Internship

Senior students register for field experience with cooperating business firms in the Washington metropolitan area. The internship is monitored by the director of internships for the School of Business Administration and a representative of the cooperating company. Application should be made three to six months prior to registration to permit exploration of internship opportunities. Prerequisites: permission of internship coordinator, senior status, minimum of 90 credit hours with a cumulative GPA of 2.0 or better, and a cumulative GPA of 2.0 or better in all business courses. Liberal Arts Core/University Requirements Designation: EXP. (3)

MGT 499 - Independent Study

Students investigate selected topics in the major areas under the direction of a faculty advisor and the dean of the School of Business Administration. Prerequisite: permission of the associate dean of the School of Business Administration. (3-6)

MKT - Marketing

MKT 204 - Sustainable Marketing

Examines the history of green marketing from its development in the 1970s to the current ways in which companies use sustainable marketing as part of their branding strategies. Topics covered include understanding socially conscious consumers; environmentally friendly product strategies; greenwashing; social and cause-related marketing campaigns; the role of marketing in social innovation and entrepreneurship; eco-labeling; and fair trade, organic, and environmental certifications. Liberal Arts Core/University Requirements Designation: WL. (3)

MKT 301 - Principles of Marketing

A study of the system of interacting business activities that deliver goods and services to present and potential customers. Analysis of the problems of planning, research, and logistics that confront the modern marketing manager. Prerequisites: EN 102. (3)

MKT 305 - Sport Marketing

Explores marketing concepts, theories, and practices in the sports industry. Topics include the unique qualities of the sports industry in relation to business and marketing strategy, including product, promotion, pricing, and distribution practices of sport marketing. See department chair for course offering schedule. Prerequisite: MKT 301. (3)

MKT 310 - Event Planning

An introduction to theoretical and practical foundations of event management and operational activities of special events, including, but not limited to, sporting events, marketing and publicity events, product launches, and fundraising events. Students will become familiar with management techniques and strategies required for successful planning, promotion, implementation, and evaluation of special events. Prerequisite: MKT 301. (3)

MKT 313 - Sales Skills and Strategies

An overview of the sales role as it relates to revenue generation within firms. Topics covered in this course include the sales cycle, the sales process, basic selling skills (such as questioning techniques and objection handling), account management, territory management, compensation planning, and sales force management. Prerequisite: MKT 301. (3)

MKT 319 - Advertising and Integrated Marketing Communications

An introduction to advertising — its planning, creation, and use. Examines the purposes of advertising in our economy and society and the role of advertising in the marketing plan. Includes familiarization with the media, media planning, and creative execution. Prerequisite: MKT 301. (3)

MKT 360 - Consumer Behavior

An analysis of the behavior that consumers display in searching for, purchasing, using, and evaluating products, services, and ideas that they expect will satisfy their needs. Prerequisite: MKT 301. (3)

MKT 412 - Marketing Research

Through case study and field assignment, the student is aided in the development of expertise in problem formulation and in primary and secondary data collection techniques such as question making. Prerequisites: MKT 301. (3)

MKT 416 - Marketing Management

An examination of marketing policy decisions using a case study approach. Emphasis on the integration of marketing activities and the formulation and execution of marketing strategy within environmental constraints. Prerequisites: MKT 301 and two additional marketing courses. (3)

MKT 485 - International Marketing

Lectures, discussion, and case studies are used to understand international and multinational marketing. Specific topics include the importance of culture, international marketing groups, channel structures, and ethical issues. Prerequisite: MKT 301. Liberal Arts Core/University Requirements Designation: GP. (3)

MSC - Management Science

MSC 300 - Advanced Business Statistics

Prepares students to effectively use advanced statistical data analysis methods in real-world business cases and to recommend sound business decision-making options based on supporting evidence. Provides technical skills for employment in industry and government or participation in data analytics. Commonly available spreadsheet software will be used. Prerequisite: MA 132 or the equivalent with a minimum grade of C-. Liberal Arts Core/University Requirements Designation: DSINQ. (3)

MSC 308 - Doing Business with the Government

This course introduces students to the intersection of business and government and addresses how governments, as the largest consumers of goods and services, influence and shape the world of business. This course introduces the government, its three branches, and the various departments and agencies that make up the executive branch. It focuses on the fundamental principles of buying and selling with the government, as dictated by the Federal Acquisition Regulation (FAR) and its supplements. The main emphasis is on federal procurement, both from the perspective of state and local governments and the private sector. The course includes a basic understanding of government business practices, the legal aspects associated with contracting, and the successful completion of contracted work. The course also includes a discussion of the ethical issues associated with government contracting, including improper business practices and personal conflicts of interest. Prerequisite: EN 102. (3)

MSC 310 - Decision Analysis

Examines the decision process, the primary models of decision making, and how information is used for decision support. A major emphasis of the course is an introduction to decision analysis, including practical experience in modeling decisions, uncertainty, and preferences. The course provides hands-on experience with developing decision support applications. Students must achieve a minimum grade of C. Prerequisite MA 132. (3)

MSC 325 - Data Analytics

Builds on basic statistics courses, and explores contemporary topics in the areas of data science and business analytics. Grounded in methodological theory and practice, the course addresses such topics as

forecasting and multiple regression, simulation, risk analysis, linear and non-linear optimization, and decision analysis. Maintaining a state-of-the-art perspective, the course introduces students to the use of recently emerging techniques such as market basket analysis. Acknowledging the changing nature of analytic software, the course uses R, a robust, open-source statistical platform with an enormous library of multidisciplinary application. The course has multiple goals including the following: preparing students in understanding the application of data analytics; helping students develop skill in applying techniques to complex organizational problems; and facilitating lifelong learning. Students must achieve a minimum grade of C. Prerequisite: MSC 300 or MA 132. (3)

MSC 337 - Operations Management

A study of the concepts, issues, and decisions facing production and operations managers through the identification and analysis of a variety of operational problems. Emphasis on quantitative analysis techniques used by managers to solve these problems. Extensive use of microcomputer models. Prerequisite: MSC 300. (3)

MSC 345 - Project Management

An introduction to the concepts, methods, and applications of project management as practiced by government and private industry. Students will become acquainted with the quantitative tools used in project management and with computer-based software tools. The course will also focus on the managerial and behavioral aspects of project management. Students must achieve a minimum grade of C. (3)

MSC 355 - Managing Social Projects

Managing social projects includes traditional business functions such as marketing, finance, operations, and human resources. This course integrates an introduction to the theory and practice of social entrepreneurship with established principles of project management. Multidisciplinary areas of interest are explored, ranging from business to the environment, education, and human services. Students gain practical experience identifying opportunities; develop skills and competencies for creating, developing, and implementing project plans; and examine ways of measuring the success of social entrepreneurial projects. A global approach is taken, as many social projects are directed at third-world countries. Prerequisite: EN 102. (3)

MSC 385 - Current Topics in Data Science

Presents emerging topics in the data science field and will vary from semester to semester. Planned topics include data mining; data visualization; and using mobile apps, social media, and sensors to collect data. The topics may be technical or data analytical in nature. Students must achieve a minimum grade of C. Prerequisite: varies with topic. (3)

MSC 390 - Data Science Applications

Provides insights in the application of data science to a variety of fields, including the areas of government, retail, intelligence, science, fraud detection, and social networks. Students will also practice data science techniques by applying their data analysis skills to analyze a large data set selected by the professor, either individually or in a group. Students must achieve a minimum grade of C. Prerequisite: MSC 325 with a grade of C or higher. (3)

MSC 430 - Statistical Analysis of Time Series

This course provides students with knowledge and experience with time series analysis techniques. This includes examining time series components, utilizing descriptive smoothing methods, and developing regression models for time series data. Students will forecast via exponential smoothing, evaluate forecasts, develop ARIMA models, and use Box-Jenkins methods. Prerequisite: MA 230 with a grade of C or higher. (3)

NU - Nursing

NU 230 - Introduction to Professional Nursing & Scholarship

This course serves as an introduction to the professionalism and professional values of nursing. A historical perspective is used to provide background for subsequent study of contemporary nursing practice and research. Prerequisites: BIO 161, BIO 161L, BIO 162, and BIO 162L. Liberal Arts Core/University Requirements Designation: WI, DSINQ. (3)

NU 231 - Principles and Applications of Nursing Technologies

Prepares nursing students to utilize the nursing process in implementing nursing skills and nursing technologies when caring for clients across the life span and representing a wide variety of health care concerns. Students will develop skills through discussion, observation, and practice in the laboratory setting.

Prerequisites: BIO 161, BIO 162, and admission to the accelerated B.S.N. program. Prerequisite or corequisite: NU 230. (4)

NU 234 - Promoting Health Across the Life Span

The content of this course focuses on health promotion and health education across the life span. Utilizing health information literacy, students explore developmental changes and health and illness phenomena. Students examine models and theories that interpret health behaviors, health status, and disparities. Social, cultural, and political factors that contribute to or hinder achieving optimal health are addressed. Concepts of primary, secondary, and tertiary prevention are presented, and major morbidities and mortalities are discussed. Interventions that promote healthy behaviors and prevent morbidity and mortality supported by evidence-based practice are described. The goals of Healthy People 2020 are discussed and analyzed. Prerequisites: BIO 161, BIO 161L, BIO 162, and BIO 162L. Liberal Arts Core/University Requirements Designation: WI. (3)

NU 302 - Health Assessment

Prepares the student to perform a comprehensive health assessment of the adult client. Communication, documentation, ethical, spiritual, and cultural considerations, as well as risk related to environmental, genetic, and lifestyle factors are included. Course includes a laboratory component. Corequisite: NU 231. (3)

NU 302OL - Health Assessment

This online course for RNs prepares the student to perform a comprehensive health assessment of the adult client. Communication; documentation; ethical, spiritual, and cultural considerations; and risk related to environmental, genetic, and lifestyle factors are included. Course includes a laboratory component. Prerequisites: BIO 161, BIO 161L, BIO 162, BIO 162L, and RN licensure. (3)

NU 305 - Alternative/Complementary Medicine

This online course introduces students to the major modalities of alternative/complementary/integrative medical practice. Course content focuses on developing the ability to critically analyze and evaluate dimensions of these therapies both for application in the students' personal lives and future professional practices. The course includes the history, underlying theories, and the latest research findings on alternative/complementary/integrative approaches. The class includes the option for

participation in experiential exercises in various alternative/complementary/integrative techniques. By the end of this course, students will be equipped with the knowledge and skills necessary to make informed decisions regarding the efficacy of a wide range of alternative/complementary/integrative therapies. Prerequisite: EN 102. (3)

NU 306 - Basic Concepts in Pathophysiology & Pharmacology

This course introduces basic principles and processes important for understanding the pathophysiology of common diseases and basic pharmacological principles that apply to all drugs and drug therapy across the lifespan. Prerequisites: BIO 161, BIO 161L, BIO 162, and BIO 162L. (3)

NU 307 - Nursing Care of Adults with Chronic Health Problems

Using the Chronic Care Model, this course addresses the nursing management of adults and older adults who experience symptoms of illnesses that are the leading causes of death and disability in the United States. In the coordination of care, students consider the increasing diversity of the population and the social determinants of health. Relevant principles of pathophysiology, pharmacological, and nonpharmacologic interventions are integrated. Clinical experiences are in the non-acute care settings. Prerequisites: BIO 161, BIO 161L, BIO 162, and BIO 162L. Corequisites: NU 231 and NU 306. (4)

NU 308 - Nursing Care of Adults with Acute Complex Health Problems

This course focuses on the nursing management of adults with minimally to moderately acute/complex health problems that require medical/surgical interventions and rehabilitation. Using the Synergy Model, students apply knowledge of pathophysiology in identifying risk factors. Clinical experiences are in acute care settings. Prerequisites: NU 230, NU 231, NU 306, and NU 307. (6)

NU 310 - The Nurse, the Client, and the Health Care System

This online course explains contemporary nursing practice. Beliefs about man, society, health, and nursing are explored so that students can examine the relationship among these factors. Issues in the delivery of health care and the roles of the nurse and client within the health care system are investigated.

Prerequisite: RN licensure or permission of instructor. (3)

NU 315 - The Scholarship of Professional Nursing

The focus of this hybrid online course introduces students to nursing as a scholarly profession and scientific discipline. Emphasis is placed on analyzing the transition to professional nursing within the context of scholarship, evidence-based practice, and information literacy. (1)

NU 332 - Illness Management in Adults II

This course is a continuation of NU 331. The focus of this course is on the nursing care of the adult client experiencing medical/surgical illnesses/diseases. Knowledge and skills from previous and current nursing courses and concepts from basic sciences and humanities establish the foundation for this course. Students in this course will develop knowledge, skills, and competency with a foundation in evidence-based practice. Students will integrate new skills and competencies into the clinical practice settings and collaborate with interdisciplinary health care professionals in the delivery of safe and effective nursing care. Course includes lecture and clinical components. Prerequisites: NU 234, NU 331, and NU 361. Prerequisite for students in the accelerated B.S.N. program: NU 231. Prerequisite for students in the four-year B.S.N. program: NU 246. (5)

NU 333 - Health Promotion and Illness Management in the Childbearing Family

Focuses on the health and illness management of families during the childbearing phase of the life cycle. The course aims to develop knowledge and skills essential in providing holistic family-centered care to childbearing clients/families. It encompasses the entire childbearing process from preconception through pregnancy, birth, and the postpartum period. The content progresses from normal to high-risk information within each phase of the childbearing period. Use of critical thinking and evidence-based practice are incorporated and emphasized in all aspects of practice to ensure the best possible outcome. Course includes lecture and clinical components. Prerequisites: NU 230, NU 231, NU 302, NU 306, and NU 307. Corequisite: NU 308. (4)

NU 334 - Mental Health Promotion and Illness Management

Focuses on mental health promotion and the care of clients with acute and chronic mental illness. Primary,

secondary, and tertiary prevention are addressed. The curriculum components of the health care system, research, education, and society are addressed as these relate to mental health and mental illness. The nursing process is applied as students assess, diagnose, plan, intervene, and evaluate the care of clients experiencing mental illness. Knowledge of the nurse-patient relationship is expanded as students provide client care. Course includes lecture and clinical components. Prerequisites: NU 230, NU 231, NU 302, NU 306, and NU 307. Corequisite or prerequisite: NU 308. (4)

NU 335 - Illness Management in Children and Adolescents

Focuses on basic pediatric nursing care for infants through adolescents, within a variety of pediatric conditions and in a variety of settings, including community and hospital nursing. The nursing process is used for caring for infants, toddlers, preschoolers, school-age children and adolescents with a variety of health conditions. Emphasis is placed on nursing care of well, acute, and chronically ill children within their families. Nursing care for well children, including health promotion and disease/injury prevention, and for children with acute and/or chronic health conditions will be examined within a developmental framework. Course includes lecture and clinical components. Prerequisites: NU 230, NU 231, NU 302, NU 306, and NU 307. Corequisite: NU 308. (4)

NU 339 - Global Service Learning in Nursing

This course will provide a culturally rich and diverse global service learning experience. Students will engage in didactic and experiential learning activities as part of a structured host country placement while serving vulnerable populations. This course will enable students to collaborate with community partners to enhance generalist nursing knowledge and skills in the areas of community-focused health promotion, cultural competence, capacity building, and social justice. Prerequisites: NU 234, NU 302, and NU 331. Service Learning Designation: SL (approx. 20 hours service). (3)

NU 361OL - Pharmacology

This online course for RNs explores the nurse's role in the management of therapeutic pharmacological agents in promoting wellness and/or restoring equilibrium. The collaborative and teaching roles of the nurse are addressed and specific interventions are identified for primary, secondary, and tertiary prevention for clients receiving pharmaceutical therapy. Knowledge and

interventions needed for maximizing therapeutic effects and preventing or minimizing adverse effects of therapy is emphasized. Use of critical thinking and evidence-based practice are incorporated and emphasized in all aspects of practice to ensure the best possible outcome. Prerequisites: BIO 161, BIO 161L, BIO 162, BIO 162L, NU 362OL, and RN licensure. (3)

NU 362OL - Pathophysiology

This online course for RNs presents content related to the pathological alterations caused by major illnesses/diseases and degenerative processes across the life span. Emphasis is given to the physiological changes that occur as a result of these illnesses/diseases, as well as the body's ability to compensate for these changes. The effects of these physiological alterations are discussed with an emphasis on nursing implications. Evidence-based practice findings are integrated throughout. Prerequisites: BIO 161, BIO 161L, BIO 162, BIO 162L, and RN licensure. (3)

NU 400 - Health Promotion and Risk Reduction in Communities

Presents public health concepts, principles, standards, theory, and intervention modalities using evidence-based nursing practice. Client advocacy is promoted and teaching is emphasized. Clinical experience is provided in distributive settings. Must be taken during the final semester. Prerequisites: all required 300-level NU courses and BIO 260. Liberal Arts Core/University Requirements Designation: DSINQ. (5)

NU 400OL - Health Promotion and Risk Reduction in Communities

This online course for RNs presents public health concepts, principles, standards, theory, and intervention modalities using evidence-based nursing practice. Client advocacy is promoted and teaching is emphasized. Clinical experience is provided in distributive settings. Transportation is the responsibility of the student. Prerequisites: NU 302OL, NU 361OL, NU 362OL, BIO 260, BIO 260L, and RN licensure. (5)

NU 403 - Research and Evidence-Based Practice

An introduction to the process of systematic investigation necessary for the continued development of the body of knowledge that forms the basis of nursing practice. The purpose of this course is to provide learners with the opportunity to systematically examine the research process, characteristics of practice-based research leading to the development of evidence-based nursing practice, and methodologies appropriate to the

investigation of researchable nursing-practice problems. Emphasis is placed on guiding learners through the research process, facilitating the critical reading of nursing and related research, developing skill in identifying researchable problems encountered in the practice of nursing, and stimulating the intelligent application of research findings to nursing practice. Focus is given to the interrelatedness and interdependence of the parts of the research process and evidence-based practice issues. Prerequisites: MA 132 and NU 308. Liberal Arts Core/University Requirements Designation: DSINQ. (3)

NU 403OL - Research and Evidence-Based Practice

This online course for RNs is an introduction to the process of systematic investigation necessary for the continued development of the body of knowledge that forms the basis of nursing practice. The purpose of this course is to provide learners with the opportunity to systematically examine the research process, characteristics of practice-based research leading to the development of evidence-based nursing practice, and methodologies appropriate to the investigation of researchable nursing practice problems. Emphasis is placed on guiding learners through the research process, facilitating the critical reading of nursing and related research, developing skill in identifying researchable problems encountered in the practice of nursing, and stimulating the intelligent application of research findings to nursing practice. Focus is given to the interrelatedness and interdependence of the parts of the research process and evidence-based practice issues. Prerequisite: MA 132. (3)

NU 406 - Nursing Care of Adults with Multi-System/Complex Health Problems

This course focuses on the comprehensive nursing care of adults with multi-system/highly complex medical/surgical illnesses and diseases. Using the Synergy Model, students synthesize pathophysiological and pharmacological concepts to create a plan of nursing care grounded in evidence-based nursing practice, the nursing process, and social determinants of health. Clinical experiences are in acute care settings. Prerequisite: NU 308. (6)

NU 407 - Applied Clinical Reasoning

This course facilitates students in solving clinical problems frequently encountered in practice settings. Utilizing a framework for clinical reasoning, students are challenged to identify and develop nursing interventions related to the major health problems.

Prerequisites: all 200-level and 300-level nursing (NU) courses, NU 403, and NU 406. (3)

NU 412 - Introduction to Leadership, Management, and Advocacy

This course focuses on the professional roles of the nurse as a leader and manager in the health care environment, manager of health care clients in a variety of settings, and advocate for social and political reform. Theories of leadership, management, and organizational behavior, as well as the social, political, and economic forces related to diverse health care environments are examined. Students explore group behaviors and the use of power and influence in developing coalitions and building consensus. Must be taken in the final semester of the B.S.N. program. Prerequisites: all required 300-level NU courses. (3)

NU 412OL - Introduction to Leadership, Management, and Advocacy

This online course for RNs focuses on the professional roles of the nurse as a leader and manager in the health care environment, manager of health care clients in a variety of settings, and advocate for social and political reform. Theories of leadership, management, and organizational behavior, as well as the social, political, and economic forces related to diverse health care environments are examined. Students explore group behaviors and the use of power and influence in developing coalitions and building consensus. Prerequisite or corequisite: NU 400OL and RN licensure or permission of the instructor. (3)

NU 425 - Nursing Capstone

Explores issues and trends in nursing and health care. Students analyze current evidence for discussion of issues that are related to the provision of quality health care. The course also provides the students in the last semester of the bachelor's degree program with an opportunity to develop personal and professional strategies to make the transition from student to graduate nurse. A primary emphasis in this course is placed on personal growth and preparation for assuming the role of the professional nurse. Must be taken in the final semester of the B.S.N. program. Prerequisites: all required 300-level NU courses. Corequisite: NU 490. Liberal Arts Core/University Requirements Designation: WI. (3)

NU 427 - Contemporary Issues in Nursing

This online capstone course is offered in the last semester of the R.N.-to-B.S.N. program. The purpose of

this course is to integrate and build on the students' educational experiences and abilities to broaden their understanding of contemporary issues in nursing and health care systems. It focuses on the transition of professional nursing practice in diverse settings within the context of emerging societal issues and trends. Selected, current issues in the ever-evolving health care system and nursing are addressed in order to identify and implement strategies to promote and protect the health and well-being of all individuals in our society. Prerequisite: RN licensure or permission of instructor. (3)

NU 430 - Leadership in Nursing Practice

This course explores issues and trends in nursing and health care. Students examine leadership principles, systems thinking, and change strategies within the practice setting and profession. The impact of health policy, professional identity, and role as a nurse leader are addressed from the micro to macro system levels. Prerequisites: all 200-level and 300-level nursing (NU) courses, NU 403, and NU 406. (3)

NU 433 - Research

A student in this elective course will conduct collaborative research (scholarly work leading to new knowledge) under the direction of a faculty member. Prerequisite: application and approval of department chair. Liberal Arts Core/University Requirements Designation: EXP. (1-6)

NU 489 - Nursing Internship: Transition to Practice

This capstone course provides students formal and informal experiential knowledge about professional nursing practice. This course emphasizes integration, reflection, and synthesis of concepts from all coursework in the program. Clinical immersion experiences are provided within a precepted environment. The didactic component allows the student to examine workforce and nursing practice issues central to the process of transitioning from the role of student to professional nurse. Prerequisites: all 200-level and 300-level nursing (NU) courses, NU 403, and NU 406. (4)

NU 490 - Nursing Internship

Provides an opportunity for students to experience the role of the professional nurse through supervised clinical practice with a preceptor in a selected health care agency. Must be taken during the final semester of the B.S.N. program. Prerequisites: all required 300-level

NU courses. Corequisite: NU 425. Liberal Arts Core/University Requirements Designation: EXP. (3)

NU 499 - Independent Study

Students investigate selected topics in nursing under the direction of a faculty advisor and the dean of the Malek School of Health Professions. Independent study enables students to pursue specialized interests and develop skills in critical analysis. (1-6)

PH - Philosophy

PH 100 - Introduction to Philosophy

An introduction to some of the major issues concerning fundamental problems of human existence, including an understanding of these core areas: logic, epistemology, metaphysics, and ethics. Students will learn to recognize and evaluate logical arguments in the texts of primary, central figures. Prerequisite or corequisite: EN 101 or HON 101. Liberal Arts Core/University Requirements Designation: PH-1. (3)

PH 215 - Knowledge, Truth, and Reality

This course is a philosophical examination of our knowledge of the world and the ultimate nature of reality. Topics may include the difference between knowledge and mere opinion; what may be reasonably doubted and what can be known with certainty; the meaning of "existence," "being," "truth," and "reality;" conceptual relativity vs. absolutism about the ultimate nature of reality; the nature of and relationship between basic features of our world such as space, time, mind and matter, causation, actuality, possibility, and necessity; why there is something rather than nothing; the nature of persons; free will; and the possibility of life after death. Prerequisites: EN 102 and PH 100. Liberal Arts Core/University Designation: PH-2. (3)

PH 250 - Philosophy of Science

A philosophical study of the nature of science. Questions may include the following: What are scientific theories and scientific explanations? Does science have a distinctive method? Does the history of science demonstrate progress? How do cultural values and social and political factors influence the conduct of science? What do we mean by rationality, objectivity, truth, and bias in science? What is pseudo-science? What are scientific revolutions? Do different scientific fields provide us with separate kinds of knowledge, or

can this knowledge be brought together into a single, coherent scientific view of the universe? Is science compatible with religion or is conflict between the two inevitable? Are scientists bound by ethical and social obligations above and beyond the pursuit of knowledge? Prerequisites: EN 102 and PH 100. Liberal Arts Core/University Designation: PH-2. (3)

PH 300 - Modern Logic

A systematic study of the formal nature of deduction. The course includes an introduction to quantification theory, relational propositions, set theory, and propositional calculus. Required for all philosophy majors. Prerequisites: EN 102 and PH 100. Liberal Arts Core/University Requirements Designation: PH-2. (3)

PH 301 - Social and Political Philosophy

A philosophical inquiry into society and politics. Topics may include theories of justice, freedom and responsibility, political authority and the state, democracy and representative government, political and civil rights, civil disobedience, identity politics, and the morality of bonds between individuals, families, communities, and society. Prerequisites: EN 102 and PH 100. Liberal Arts Core/University Requirements Designation: PH-E. (3)

PH 303 - Animals, the Environment, and Ethics

An exploration of our moral responsibilities concerning animals and the natural environment. The course covers philosophical theories of ethics and their application to topics in environmental ethics. Topics may include animal rights, anthropocentrism, conservation, deep ecology, and the value of nature. Prerequisites: EN 102 and PH 100. Liberal Arts Core/University Requirements Designation: PH-E. (3)

PH 305 - Business Ethics

An examination of the ethical foundations of business and the role of ethical judgment in business decisions. The course covers philosophical theories of ethics and their application to business through case studies. Prerequisites: EN 102 and PH 100. Liberal Arts Core/University Requirements Designation: PH-E. (3)

PH 307 - Philosophy of Law

A philosophical inquiry into law. Topics may include the justification of laws, the obligation to obey the law, the relationship between law and morality, natural law theory, liberty, justice, legal rights, and the justification of punishment. Students apply ethical and political theories to contemporary legal cases and interpretations

of law. Prerequisites: EN 102 and PH 100. Liberal Arts Core/University Requirements Designation: PH-E. (3)

PH 309 - Ethical Theory

An investigation into the moral dimensions of human life. The course explores the specific theoretical issues that shape the formation of ethical systems. Students will examine foundations for objective moral standards and human rights. Prerequisites: EN 102 and PH 100. Liberal Arts Core/University Requirements Designation: PH-E. (3)

PH 311 - Biomedical Ethics

This course includes an overview of normative ethical theory and an examination of the guiding principles in biomedical ethics. Emphasis will be placed on critically assessing and evaluating issues in health care decision making, as well as other issues concerning the application of principles to practice in biomedical ethics, with the goal of helping students arrive at informed and considered positions on the topics covered. Prerequisites: EN 102 and PH 100. Liberal Arts Core/University Requirements Designation: PH-E. (3)

PH 313 - Cyberethics

This course offers an examination of cybertechnology and the ethical, social, political, and legal issues that arise in relation to it. It includes an overview of philosophical theories of ethics. These theories are used as a framework to understand and critically assess a number of issues and cases relating to cybertechnology, including IT professional ethics, privacy, security, cybercrime, intellectual property, cyber commerce, free speech, the digital divide, democracy, work, online communities/social networks, virtual reality, and artificial intelligence. Prerequisites: EN 102 and PH 100. Liberal Arts Core/University Requirements Designation: PH-E. (3)

PH 325 - Ancient Philosophy

Covers the span of philosophy in the Western tradition from the pre-Socratic (500 B.C.) to the Roman and Hellenistic philosophers (500 A.D.). Key issues in ethics, politics, natural philosophy, and metaphysics are explored principally through the writings of Plato and Aristotle as well as other figures in the Stoic and Epicurean traditions. Prerequisites: EN 102 and PH 100. Liberal Arts Core/University Requirements Designation: DSINQ, PH-2. (3)

PH 326 - Medieval Philosophy

This course examines the philosophical and theological works of Muslim, Jewish, and/or Christian major medieval figures. Topics to be covered may include the relation between faith and reason, proofs for the existence of God, questions concerning the use of human language in speaking of the divine, the nature and origin of the universe, medieval theories of knowledge and science, questions concerning human freedom and divine foreknowledge, and medieval approaches to ethical and political issues. Prerequisites: EN 102 and PH 100. Liberal Arts Core/University Requirements Designation: DSINQ, PH-2. (3)

PH 327 - Modern Philosophy

In the 17th century, philosophy both contributed to and responded to the "scientific revolution." But how did it do so and why? How were traditional philosophical assumptions about objects, thoughts, minds, free will, and God reconstructed in response to the rise of modern science? The course will emphasize how new metaphysical and epistemological positions developed in their historical context and have influenced subsequent philosophers. Prerequisites: EN 102 and PH 100. Liberal Arts Core/University Requirements Designation: DSINQ, PH-2. (3)

PH 328 - Contemporary Philosophy: 19th-21st Century

This course covers philosophy since Kant's "Copernican Revolution" at the end of the 18th century. Philosophical movements to be examined will include a selection from the following: idealism, pragmatism, phenomenology, post-structuralism, and analytic philosophy. Feminism and critical race theory may be included. Prerequisites: EN 102 and PH 100. Liberal Arts Core/University Requirements Designation: DSINQ, PH-2. (3)

PH 330 - Philosophy of Mind

A philosophical examination of the place of mind in nature and in the world. Questions may include the following. What distinguishes mental phenomena from everything else? What does it mean to be conscious? What is an emotion? How do thoughts have meaning? Can we ever really know the mind of another person? Could a computer ever really think? Do animals have minds? The aim is to clarify what one is asking with such questions in order to begin to formulate answers. Prerequisites: EN 102 and PH 100. Liberal Arts Core/University Requirements Designation: PH-2, WI. (3)

PH 345 - Philosophy of Religion

This course describes and evaluates some of the major philosophical questions that arise in relation to the religious dimension of human existence. Topics to be explored may include the relation of philosophy to religious belief, proofs for the existence of God, the experience of the divine, the existence of miracles, the problem of evil, the relation of religious belief to moral judgment, and the possibility of immortality.

Prerequisites: EN 102 and PH 100. Liberal Arts Core/University Requirements Designation: PH-2, WI. (3)

PH 355 - Existentialism and Phenomenology

This course explores major themes and figures from two significant movements in 20th century philosophy: existentialism and phenomenology. The course may examine questions concerning the possibility of human freedom and authenticity, the structure and function of consciousness, the relationship between self and other, existentialist approaches toward ethical and political issues, the experiences of anxiety and absurdity, and the recognition of our mortality. Prerequisites: EN 102 and PH 100. Liberal Arts Core/University Requirements Designation: PH-2, WI. (3)

PH 360 - Philosophy and Literature

An introduction to some of the major issues concerning fundamental problems of human existence through the vehicle of fictive narrative philosophy. Students will learn how to present and evaluate claims in traditional logical form and in the guise of fictive narrative philosophy. Students will learn to recognize texts of central, primary figures. Prerequisites: EN 102 and PH 100. Liberal Arts Core/University Requirements Designation: PH-2, WI. (3)

PH 365 - Asian Philosophy

Provides an opportunity for students to learn non-Western philosophies. Subjects vary among Chinese, Indian, Islamic, and Japanese philosophies, and the format ranges from comparative survey to contemporary issues. Prerequisites: EN 102 and PH 100. Liberal Arts Core/University Requirements Designation: PH-2, WI. (3)

PH 370 - Philosophy of Art

A philosophical inquiry about art and aesthetic value. Questions may include the following. What is art? Can we define art? How does a work of art represent

something? Why are we interested in specific artistic media and genres? Are judgments about art merely expressions of taste? What is good and bad taste? Are there better and worse ways to experience art? How do works of art affect our emotions? What is the artist's role in culture? Should art serve social, political, or moral purposes? Prerequisites: EN 102 and PH 100. Liberal Arts Core/University Requirements Designation: PH-2, WI. (3)

PH 400 - Internship

Students may register for three to six credits in an internship with a research or service agency in the Washington metropolitan area. The intern will be monitored by a supervising faculty member and a representative of the cooperating agency. Prerequisites: senior status and a GPA of 2.0 in major courses. Liberal Arts Core/University Requirements Designation: EXP. (3-6)

PH 421 - Project

An investigation of a selected topic in the emphasis discipline. The project is intended to demonstrate ability to conduct independent research and present the results in writing of commendable quality. Prerequisites: faculty and dean approval. (3)

PH 422 - Senior Seminar

The focus of the senior seminar is the student research paper that demonstrates skill in researching and writing on topics in philosophy or religion. This course may be offered as a Writing Intensive (WI) course in select semesters. Students should check the section designation and title prior to enrollment. Prerequisite: senior status. (3)

PHYS - Physics

PHYS 161 - College Physics I

Basic algebra-based physics course for the B.A. in biology and other majors. This course covers the classical Newtonian mechanics of linear and circular motion and conservation laws of gravitation, work, and energy. An understanding of physics is developed through problem solving and laboratory work. Students may enroll in this course only if it is a specific requirement for their major. Prerequisite: placement into MA 171 or higher or a C- or better in MA 095. Liberal Arts Core/University Requirements Designation: NS. (3)

PHYS 161L - College Physics I Lab

A laboratory designed to strengthen and support the topics presented in PHYS 161. (1)

PHYS 162 - College Physics II

This second algebra-based course in physics extends the application of force and energy laws to collective systems. Topics include electrostatics, electronics, optics, mechanics, kinetic theory, and atomic structure. Prerequisite: PHYS 161 or equivalent. Liberal Arts Core/University Requirements Designation: NS. (3)

PHYS 162L - College Physics II Lab

A laboratory designed to strengthen and support the topics presented in PHYS 162. (1)

PHYS 271 - General Physics I

Introductory physics for science and mathematics majors. This course covers the classical Newtonian mechanics of linear and circular motion and conservation laws of gravitation, work, and energy. An understanding of physics is developed through problem solving and laboratory work. Prerequisite: MA 181 or equivalent. Liberal Arts Core/University Requirements Designation: NS. (3)

PHYS 271L - General Physics I Lab

A laboratory designed to strengthen and support the topics presented in PHYS 271. (1)

PHYS 272 - General Physics II

This second course in physics extends the application of force and energy laws to collective systems. Topics include electrostatics, electronics, optics, mechanics, the thermal properties of matter, kinetic theory, and atomic structure. Prerequisite: PHYS 271 or equivalent. Liberal Arts Core/University Requirements Designation: NS. (3)

PHYS 272L - General Physics II Lab

A laboratory designed to strengthen and support the topics presented in PHYS 272. (1)

POL - Politics**POL 102 - International Relations**

An introduction to relations between countries and an examination of the main conceptual approaches to understanding international conflict and cooperation.

Liberal Arts Core/University Requirements

Designation: GP, SS-1. (3)

POL 103 - Comparative Politics

An introduction to the workings of politics inside countries other than the United States and an examination of the main conceptual approaches to understanding authority, institutions, and political change. Liberal Arts Core/University Requirements Designation: GP, SS-1. (3)

POL 104 - American Government

An introductory survey and analysis of the political processes that describe the operations of the federal, state, and local branches of government. Intergovernmental relations are examined. Liberal Arts Core/University Requirements Designation: SS-1. (3)

POL 210 - Western Political Concepts I

An introduction to political theory focusing on political thought from ancient to early modern times and on the fundamental conceptions of political theory. Prerequisite: EN 102. (3)

POL 211 - Western Political Concepts II

A study of various political theories and ideologies from early modern to contemporary times. Topics include liberalism, conservatism, and political ideologies. Prerequisite: EN 102. (3)

POL 230 - American Policy Process

An introduction to the political dynamics of forming national public policy in the United States. For students with a basic understanding of American government institutions, the course uses case studies to focus on several different areas of policy. Prerequisite: EN 102 and either POL 103 or POL 104. Liberal Arts Core/University Requirements Designation: DSINQ, SS-2. (3)

POL 231 - Media and Politics

This course examines the political dynamics between the news media and politics. The course is designed to provide a deeper understanding of media outlets, journalists, viewers, and their relationship with the government. Prerequisite: EN 102 and either POL 103 or POL 104. Liberal Arts Core/University Requirements Designation: SS-2. (3)

POL 240 - Global Security

An in-depth examination of theories that seek to explain wars, alliances, arms races, civil wars, and terrorism,

with applications to contemporary international politics. Prerequisite: EN 102 and either POL 102, POL 103, or POL 104. Liberal Arts Core/University Requirements Designation: GP, SS-2. (3)

POL 241 - Global Political Economy

An in-depth examination of theories that seek to explain how political systems address economic inequality, development, trade, labor relations, investment, migration, and natural resources, with applications to contemporary international politics. Prerequisite: EN 102 and either POL 102, POL 103, or POL 104. Liberal Arts Core/University Requirements Designation: GP, SS-2. (3)

POL 250 - Research and Writing

An introduction to the sources and methods used in political research and writing. Prerequisite: EN 102. Liberal Arts Core/University Requirements Designation: DSINQ, WI. (3)

POL 300 - State and Urban Politics

A survey of the structure of state and urban political units and institutions. An examination of their policy and decision-making processes and an investigation of state-federal relations. Prerequisite: grade of C or better in POL 104 or POL 305, or permission of the instructor. Liberal Arts Core/University Requirements Designation: SS-2. (3)

POL 307 - Race and Politics

This course examines race and politics in the United States. The course will analyze the role of minority groups, including African Americans, Latino Americans, and Asian Americans, in the political arena. Moreover, we will look at issues of immigration, affirmative action, and education as they impact minority groups in the U.S. Prerequisite: EN 102 and either POL 103 or POL 104. Liberal Arts Core/University Requirements Designation: SS-2. (3)

POL 310 - Political Parties and Interest Groups

An analysis of group theory in a democratic society. The course examines the influence of interest groups in American politics at the federal and state levels. Prerequisites: EN 102 and either POL 103 or POL 104. Liberal Arts Core/University Requirements Designation: SS-2. (3)

POL 315 - The Presidency

A survey of the historical development and the constitutional powers of the office. The course analyzes

the principal roles in national and world politics played by modern presidents. Prerequisites: EN 102 and either POL 103 or POL 104. Liberal Arts Core/University Requirements Designation: SS-2. (3)

POL 320 - The Congress

A review of the history of Congress and a description of its functions, its structure, and the legislative process. The course examines current and historical issues that relate to the proper role of Congress in the American scheme of government. Prerequisites: grade of C or better in POL 104 or POL 305, and a grade of C or better in POL 250 or its equivalent, or permission of instructor. Liberal Arts Core/University Requirements Designation: SS-2. (3)

POL 325 - Voting Behavior

A study of the voting behavior of the American electorate and its representatives and the causes of that behavior. Prerequisites: EN 102 and either POL 103 or POL 104. Liberal Arts Core/University Requirements Designation: SS-2. (3)

POL 330 - Judicial Politics

This course examines the judicial system and its larger impact on U.S. political life. The course addresses the main actors, trial courts, appellate courts, and the court system's role in a representative democracy. Prerequisite: EN 102 and either POL 103 or POL 104. Liberal Arts Core/University Requirements Designation: SS-2. (3)

POL 332 - American Foreign Policy

A history of the policies of the United States toward other governments and analysis of the principal factors to be considered in formulating and executing American foreign policy. Prerequisites: grade of C or better in POL 102 and POL 250 or any other WI course, or permission of instructor. (3)

POL 333 - United States Constitutional History

A study of the evolution of several issues of American Constitutional Law. (3)

POL 335 - American Constitutional Law I

An introduction to the federal judiciary in American government and a survey of the principal decisions of constitutional law that have influenced the development of the American polity. Prerequisite: grade of C or better in EN 102. (3)

POL 336 - American Constitutional Law II

A survey of the principal court decisions concerning individual rights under the United States Constitution. Prerequisites: grade of C or better in EN 102. (3)

POL 375 - Politics of Environmental Issues

A survey of environmental and natural resource policy and politics. Examines the ways governments use policies to address natural resource and environmental issues at the local, regional, and international levels, and the underlying ideological and institutional factors that shape environmental policy debates. Prerequisites: EN 102 and a grade of C or better in POL 102, POL 103, or POL 104, or permission of instructor. Liberal Arts Core/University Requirements Designation: SS-2. (3)

POL 380 - Politics of Latin America

Examines the systems of government of countries in Latin America — including Mexico, Central America, the Caribbean, and South America — and their relations with each other and with major countries outside the region. Prerequisite: EN 102 and either POL 102 or POL 103. Liberal Arts Core/University Requirements Designation: GP, SS-2, WI. (3)

POL 381 - Politics of Sub-Saharan Africa

Examines the systems of government of countries in Africa south of the Sahara — including but not limited to the DR Congo, Ethiopia, Kenya, Nigeria, South Africa, Tanzania, and Uganda — and their relations with each other and with major countries outside the region. Prerequisite: EN 102 and either POL 102 or POL 103. Liberal Arts Core/University Requirements Designation: GP, SS-2, WI. (3)

POL 382 - Politics of Western Europe

Examines the systems of government of countries in Western Europe — including but not limited to France, Germany, Italy, Spain, and the United Kingdom — and their relations with each other and with major countries outside the region. Prerequisite: EN 102 and either POL 102 or POL 103. Liberal Arts Core/University Requirements Designation: GP, SS-2, WI. (3)

POL 385 - Politics of South Asia

Examines the systems of government of countries in South Asia — Afghanistan, Bangladesh, Bhutan, India, Myanmar, Nepal, Pakistan, and Sri Lanka — and their relations with each other and with major countries outside the region. Prerequisite: EN 102 and either POL

102 or POL 103. Liberal Arts Core/University Requirements Designation: GP, SS-2, WI. (3)

POL 386 - Politics of East Asia

Examines the systems of government of countries in East Asia — including China (PRC), Mongolia, North and South Korea, Japan, and Taiwan — and their relations with each other and with major countries outside the region. Prerequisite: EN 102 and either POL 102 or POL 103. Liberal Arts Core/University Requirements Designation: GP, SS-2, WI. (3)

POL 388 - Politics of North America

Examines the systems of government of Canada, the United States, and Mexico and their relations with each other. Prerequisite: EN 102 and either POL 102, POL 103, or POL 104. Liberal Arts Core/University Requirements Designation: GP, SS-2. (3)

POL 400 - Internship

Senior students may register for an internship with cooperating public service agencies in the greater Washington area. Prerequisite: permission of the dean of the School of Arts and Sciences. Liberal Arts Core/University Requirements Designation: EXP. (3)

POL 420 - Senior Seminar

Provides an opportunity for majors to explore more thoroughly a subject previously studied in the politics curriculum. The focus of each seminar is a student paper demonstrating appropriate skill in research and writing on political topics. Offered spring semester only. Prerequisites: POL 250. Liberal Arts Core/University Requirements Designation: DSINQ, WI. (3)

POL 421 - Project

An investigation of a selected topic in the emphasis discipline. The project is intended to demonstrate the ability to conduct independent research and present the results in writing of commendable quality. Prerequisite: permission of the dean of the School of Arts and Sciences. (3)

PSC - Physical Science**PSC 103 - Introduction to the Physical Sciences**

Provides a general physical science background for non-science majors. Develops an understanding of scientific processes and reasoning, including knowledge of basic laws in physics and of the concepts critical to chemistry,

earth science, and astronomy, as well as an appreciation for the interrelationships among sciences and their relationships to other disciplines. Emphasis is placed on solving problems and developing logical hypotheses. As part of the laboratory requirement, each student must investigate and present a synopsis of a current scientific topic. Liberal Arts Core/University Requirements Designation: NS. (3)

PSC 103L - Introduction to the Physical Sciences Lab

A laboratory designed to strengthen and support the topics presented in PSC 103. (1)

PSY - Psychology

PSY 101 - General Psychology

A course designed to help students develop an insight into their own psychological processes and those of others. Provides an introduction to the content and scope of psychology as a behavioral science and a study of such topics as development, adjustment, learning, intelligence, motivation, emotion, and personality. Liberal Arts Core/University Requirements Designation: SS-1. (3)

PSY 105 - General Psychology Laboratory

This course will expose students to the multiple methods psychologists use to study topics in psychology. Students will complete preplanned laboratory inquiry studies on a variety of topics to practice the different research methodologies used by psychologists to study behavior, thoughts, and perceptions. Prerequisite or corequisite: PSY 101 or completion of equivalent. (1)

PSY 110 - Human Growth and Development

The study of human growth and development from birth to death. This course explores the role of heredity and environment in producing changes in physical, intellectual, and social behavior throughout the life span. Liberal Arts Core/University Requirements Designation: SS-1. (3)

PSY 200 - Careers in Psychology

Students will evaluate their personal strengths and career interests and explore career options with a B.A. in psychology and graduate training in psychology. Students will develop a plan to reach their personal career goals. Students will participate in activities

designed to prepare them for successful entry into their chosen career. Prerequisite: C- or better in PSY 101; prerequisite or corequisite: PSY 105. (1)

PSY 201 - Statistics for the Social Sciences

An introduction to psychological research methodology with particular emphasis on descriptive and inferential statistical procedures used in the analysis of behavioral data (measures of central tendency, variability, chi-square, correlation, t-tests, ANOVA, etc.). Prerequisites: MA course numbered 119 or above and a grade of C- or better in PSY 101 and PSY 105. (3)

PSY 220 - Social Psychology

Designed to provide students an understanding of how individuals' thoughts, feelings, and behavior are influenced by the presence of others. Social perception, social cognition, attitude formation and change, aggression, prosocial behavior, interpersonal attraction, and social influence will be reviewed. Prerequisite: PSY 101 or PSY 110. (3)

PSY 230 - Abnormal Psychology

A survey of major psychological disorders with emphasis on methods of diagnosis and treatment. Prerequisites: PSY 101 or PSY 110. Liberal Arts Core/University Requirements Designation: GP, SS-2. (3)

PSY 240 - Personality Theories

Personality is a set of emotional, behavioral, and cognitive tendencies that people display consistently and across situations. This course is a review of the major theoretical contributions to understanding human personality. Prerequisites: PSY 101 or PSY 110. (3)

PSY 250 - Biological Bases of Behavior

Familiarizes the student with the basic principles of anatomy, physiology, biochemistry, and pharmacology within the context of behavioral processes. Prerequisite: PSY 101 or PSY 110. (3)

PSY 260 - Learning and Cognition

A survey of principles of human learning and cognitive psychology. This course examines how information is acquired and used, with special emphasis on the nature of memory, thinking, judgment, and problem solving. Prerequisite: PSY 101 and PSY 105. Liberal Arts Core/University Requirements Designation: DSINQ. (3)

PSY 302 - Research Design for Psychology

Laboratory-based course emphasizing the design, construction, implementation, analysis, dissemination, and critique of various types of psychological studies (observation, correlation, experimentation, etc.)
Prerequisites: C- or better in PSY 105 and PSY 201.
Liberal Arts Core/University Requirements
Designation: DSINQ. (3)

PSY 311 - Early Childhood Development

Students will explore the biological, cognitive, and psychosocial theories of child development from birth to age 8. Particular emphasis is placed on contemporary topics in early childhood development and an appreciation of cultural perspectives. Students will be prepared to apply theoretical knowledge to early educational child-care settings and parent-teaching practice. Prerequisites: EN 102 and PSY 110. Liberal Arts Core/University Requirements Designation: SS-2, WI. (3)

PSY 312 - Adolescent Psychology

Study of the biological, cognitive, and social transitions during adolescence and emerging adulthood, including issues confronting the adolescent in contemporary culture. Prerequisite: PSY 110. (3)

PSY 313 - Adulthood and Aging

The purpose of this course is to examine the developmental tasks from young adulthood throughout middle and advanced age. In this course, students will explore the impacts on well-being of such events as choosing a mate, starting a family, and making career choices across adult life. Prerequisite: PSY 110. Liberal Arts Core/University Requirements Designation: SS-2. (3)

PSY 321 - Psychology of Gender

The study of the research and issues that pertain to the social origins and consequences of gender typing. Topics include differences and similarities in ability, personality, biology, and gender roles. Prerequisite: PSY 101 or PSY 110. Liberal Arts Core/University Requirements Designation: SS-2. (3)

PSY 323 - Psychology in the Workplace

Overview of the application of psychology to the behavior of people in workplace settings. Topics include personnel psychology, the training of employees, organizational behavior, workplace design, and the

improvement of working conditions. Prerequisites: PSY 101 or PSY 110 and three (3) credits in psychology coursework. (3)

PSY 325 - Cultural Psychology

Provides a comprehensive introduction to the general theories and methods related to culture and diversity. The course will explore psychological and political underpinnings of culture and diversity, emphasizing social psychological approaches. The course will examine the cultural sources of diversity in thinking, motivation, self, ethnic identity, development, stereotyping, and prejudice. Applications to real-world phenomena such as business, education, and health will be discussed. Prerequisite: PSY 101 or PSY 110. Liberal Arts Core/University Requirements
Designation: GP, SS-2. (3)

PSY 326 - Forensic Psychology

Provides students with an introduction to the field of forensic psychology. This course will focus on the interface between psychology and the justice system, including legal proceedings, law enforcement agencies, and correctional institutions. Attention will be given to the way psychologists can influence the system on such issues as assessment of competency and insanity, legal decision making, jury composition, criminal behavior, and correctional psychology. Offered fall semester. Prerequisites: PSY 101 or PSY 110 and three (3) credits in psychology coursework. (3)

PSY 330 - Counseling Theories and Process

Study of major approaches to interventions with individuals, groups, and families, including analysis of strategies useful to particular counseling problems. Offered fall semester. Prerequisites: PSY 101 or PSY 110, and EN 102 and PSY 230. Liberal Arts Core/University Requirements Designation: WI. (3)

PSY 332 - Psychology of Addictions

A summary of current research pertaining to different types of addiction, including physical, social, and psychological causes of addiction; assessment and classification of disorders; treatment options; and community resources for dealing with addictions. Offered spring semester. Prerequisite: PSY 230 or PSY 250. (3)

PSY 333 - Abnormal Child and Adolescent Psychology

Students in this course will learn to distinguish normal versus disturbed developmental processes in children and adolescents as well as how to recognize and deal

with a variety of problems. Offered spring semester. Prerequisites: PSY 110 and three (3) credits in psychology coursework. Liberal Arts Core/University Requirements Designation: SS-2. (3)

PSY 341 - Psychology of Individuals with Exceptionalities

Explore theories and issues related to teaching students with exceptionalities. A variety of disabilities that impact school performance will be surveyed and studied. The course will address educational provisions mandated by federal and state laws, which ensure the rights of all individuals with disabilities. Field experience: 10 hours. Prerequisite: PSY 110. Liberal Arts Core/University Requirements Designation: SS-2. (3)

PSY 361 - Sport Psychology

Designed to engage students in critical thinking as it applies to the study of human behavior in sport. Explores factors related to success and skill development in any realm of human performance, basic principles of confidence, motivation and goal setting, as well as the prominent theories related to happiness and positive mood and how they relate to human performance and exercise. Prerequisite: PSY 101 or PSY 110. (3)

PSY 363 - Abnormal Primate Psychology

This course is designed to introduce students to abnormal non-human primate behavior through reading primary-source articles and conducting naturalistic observations of great apes living in pseudo-natural environments (e.g., zoo, sanctuary). There will be specific emphasis on learning about atypical behaviors that may be symptomatic of psychopathologies similar to those seen in humans. Prerequisites: PSY 101 or PSY 110 and EN 102. Liberal Arts Core/University Requirements Designation: SS-2, WI. (3)

PSY 400 - Internship

Senior students participate in a supervised field experience in cooperating public and private agencies in the Washington area. Prerequisites: PSY 200 or CCS 399 and senior status. Liberal Arts Core/University Requirements Designation: EXP. (6)

PSY 405 - General Psychology Laboratory Instructor Practicum

This course will prepare students to supervise PSY 105 General Psychology Laboratory courses. After preparing students to supervise sections of the

laboratories, the course will focus on addressing concerns that arise while teaching, especially while supervising the laboratory sections. Students will discuss teaching-related issues, such as consistent evaluation of student products via rubrics, using an active teaching style, and using a Socratic-type method to answer questions. The course also will help students prepare for a future career in psychology by assisting them in the completion of items necessary for admission to a graduate program. This course spans the fall and spring semesters. Students must register for three (3) credits in both the fall and the spring. This course is a substitute for PSY 400. Prerequisites or corequisites: psychology major, selection by a faculty committee, and concurrent supervision of the laboratories associated with PSY 105. Liberal Arts Core/University Requirements Designation: EXP. (6)

PSY 433 - Research

A student in this course will conduct collaborative research (scholarly work leading to new knowledge) under the direction of a faculty member. Prerequisites: PSY 302, application, and approval of department chair. Liberal Arts Core/University Requirements Designation: EXP. (1-6)

PSY 451 - Project

Designed to provide for the application of the knowledge, skills, and strategies acquired and developed through the student's academic program. The project is intended to tie the student's professional goals and coursework with practical application and current research-based data of the discipline. Students will be asked to delve deeply into a specific topic; develop an innovative solution to a discipline-specific problem; design and construct an expressive art/literature/technological creation; or explore an area of study, a process, a topic, or a medium that is not otherwise available through the current curriculum. (1-9)

PSY 496 - Special Topics in Psychology

Topics of special interest to advanced undergraduates in psychology. Prerequisite: PSY 200-level course. (3)

PSY 497 - Senior Seminar

This capstone seminar is designed for psychology majors nearing the end of their undergraduate program. Students will critically analyze psychological literature from disparate areas of the field to produce a major integrative paper with an applied focus. They will be prompted to reflect carefully on the discipline of

psychology, including its historical roots and modern perspectives, and hone their skills in scientific reasoning, critical thinking, and written/oral communication. Prerequisites: EN 102, a C- or better in PSY 302 and in one 300-level psychology WI course, and senior status. Liberal Arts Core/University Requirements Designation: DSINQ, WI. (3)

SEM - Seminar

SEM 101 - Creating Success in College and Beyond

This course is designed to help students understand and apply psychological concepts to create greater success in college and in life. Students will learn to think critically and reason effectively about important personal and academic issues. Required for students who are on academic warning unless waived by the Center for Teaching and Learning. A minimum grade of C is required for successful course completion. (3)

SEM 102 - Learning Strategies for Success

This course is designed to engage students encountering academic difficulty with specific learning strategies that will assist them in achieving academic success. Students will develop and implement an individualized learning strategy plan throughout the semester that will take into account time management, helpful classroom behaviors, effective study techniques, and proper utilization of support services. (1)

SOC - Sociology

SOC 121 - Principles of Sociology

The purpose of this course is to introduce students to the discipline of sociology. Students examine the sociological perspective, observe inequality, and explore the importance of culture, social institutions, and social construction. By developing these sociological insights, students gain a stronger appreciation for diversity and sharpen their critical thinking skills. Liberal Arts Core/University Requirements Designation: SS-1. (3)

SOC 131 - Principles of Sociology in Global Perspective

The purpose of this course is to introduce students to the discipline of sociology by exploring the impact of social forces on everyday life. Students consider how the sociological perspective yields insights about inequality, the importance of culture, the nature of social institutions, and the impact of social construction. By

applying these sociological insights, students gain a stronger appreciation for diversity and local-to-global connections and sharpen their critical thinking skills. Liberal Arts Core/University Requirements Designation: GP, SS-1. (3)

SOC 200 - Law and Society in Global Perspective

How does the academic field of law and society contrast with popular conceptions of the law? This course explores the relationship between law and inequality by taking a sociological perspective that critically examines law in context. Applying a global perspective, we compare how various social forces shape the way laws are formed, practiced, and changed in countries around the world. Liberal Arts Core/University Requirements Designation: SS-1. (3) NOTE: This course is not a prerequisite for upper division sociology courses.

SOC 203 - The Global Village

Does social life still take place within national borders? Globalization refers to the increasing connectedness of people around the world. Corporate growth, modern transportation, and technological innovation facilitate this connectivity. In this course, a sociological perspective is used to examine how this increasing global interdependence impacts daily life and the meaning of citizenship in the new global village. Liberal Arts Core/University Requirements Designation: GP, SS-1. (3)

SOC 204 - Cultural Diversity

What are the benefits and challenges that occur as our communities become increasingly diverse? The process of globalization increases our exposure to diverse cultures and ethnic traditions that characterize the peoples of the world. This rich diversity can form the foundation for addressing the global challenges we collectively face or can be viewed as a polarizing force that generates conflict. This course focuses on the key sociological concepts, skills of intergroup dialogue, and analytical tools from the social sciences. Prerequisite: EN 102. Liberal Arts Core/University Requirements Designation: SS-1, WI. (3)

SOC 222 - Race and Ethnic Diversity

What does it mean to say that race is a social construction? In this course, we begin with the assumption that the study of race requires us to take a critical look at ourselves and consider how notions of race have shaped our opinions, attitudes, and modes of engagement with those who are "different" from us. We examine sociological concepts like racial formation and

intersectionality through critical engagement with academic research as well as creative sources to gain the broadest possible understanding of the dynamics of race and ethnicity in everyday life. Prerequisites: SOC 121, SOC 131, SOC 203, SOC 204, or permission of the instructor. Liberal Arts Core/University Requirements Designation: SS-2. (3)

SOC 251 - Working for Justice, Working for Change

So you want to make a difference? But where to begin? This course examines a range of organized efforts to promote social justice and social welfare in contemporary society. The course identifies and surveys the major approaches to social change work, including direct service provision, policy advocacy, and popular organizing and mobilization. Sociology provides us the tools to better understand and compare these various models of social change. Developing a deeper understanding of these efforts and their theoretical foundations will help ensure that our attempts to "make a difference" are done in informed and thoughtful ways. In this course, you will have the opportunity to volunteer and make site visits to nonprofit and governmental service providers, public policy and advocacy organizations, and social movement organizations, as well as hear from guest speakers. This course is designed for social science majors or others who are interested in working in local organizations to make a difference. Liberal Arts Core/University Requirements Designation: SS-1, DSINQ. (3)

SOC 261 - Through the Sociological Lens I

Do you see what I see? In this course, students are introduced to the basics of visual sociology, using photography to document their observations of local, national, and global contexts. Students create a visual narrative documenting a selected course theme such as culture and community, local-to-global connections, or boundaries of belonging. Prerequisite: EN 102 or permission of the instructor. Liberal Arts Core/University Requirements Designation: GP, SS-1, WI. (3)

SOC 306 - Poverty, Wealth, and Inequality

Are there two Americas? How do structural barriers limit a person's life chances? Sociological research on social class and inequality challenge commonly held assumptions that people who live in poverty are doing so because they make poor decisions or are unwilling to work hard. By studying the impact of social class, inequality, and poverty on everyday life, students gain an appreciation for the insights that come from

systematic sociological research on contemporary issues such as gentrification, hunger, and wealth concentration. Prerequisites: SOC 121, SOC 131, SOC 203, or SOC 204. Liberal Arts Core/University Requirements Designation: SS-2. (3)

SOC 350 - Social Justice

How are views of social justice shaped by assumptions about how society works? This course examines sociological theory and its connection to social justice. We review competing visions of social justice, from the founding fathers of our discipline to those who are traditionally excluded from it, exploring how sociology can both explain social issues and contribute to social change. Prerequisites: minimum grade of C- in SOC 121, SOC 131, SOC 203, SOC 204, or SOC 251, or permission of the instructor. Liberal Arts Core/University Requirements Designation: SS-2. (3)

SOC 351 - Addressing Injustice: Research Methods

This course is an introduction to the methods that social scientists use to advance social change in an unjust world. Social science methods, which include things like interviews, observation, and focus groups, can serve as tools for identifying unequal social patterns, raising awareness about unfair treatment, evaluating policies or programs, or informing strategies we use to take action. The methods we discuss in this class are those that involve working with human participants and are the most commonly used in the work of nonprofit or government research studies. Prerequisites: minimum grade of C- in SOC 121, SOC 131, SOC 203, SOC 204, or SOC 251. Liberal Arts Core/University Requirements Designation: SS-2, DSINQ. (3)

SOC 352 - Addressing Injustice: Quantitative Research Methods

This course focuses on quantitative methods, procedures, and techniques that are appropriate to challenging social injustice. Emphasis will be on selecting appropriate methods for understanding how statistical results can be applied to solving global problems. Prerequisites: minimum grade of C- in SOC 121, SOC 131, SOC 203, SOC 204, or SOC 251. Liberal Arts Core/University Requirements Designation: SS-2, DSINQ. (3)

SOC 361 - Through the Sociological Lens II

When is seeing believing? In this advanced course, students apply visual research methods to explore how community life is shaped by local, national, and global connections. Students create a visual narrative using

their own research topic. Prerequisite: EN 102 and one of the following: SOC 121, SOC 131, SOC 203, SOC 204, or SOC 261, or permission of the instructor.

Liberal Arts Core/University Requirements

Designation: SS-2, GP, WI. (3)

SOC 365 - Gender Inequality in Global Perspective

How do the categories of gender shape our life choices and economic opportunities? This course addresses gender in a global context to appreciate how people's lives differ depending on gender relative to class and cultural and racial heritage. Emphasis is placed on using social science research to address gender inequality in both global and local communities. Prerequisites: EN 102 and one of the following: SOC 121, SOC 131, SOC 203, or SOC 204. Recommended: IS 200. Liberal Arts Core/University Requirements Designation: SS-2, DSINQ, GP, WI. (3)

SOC 375 - Topics in Human Rights

If human rights are universal, why don't all countries recognize and respect them? Although a Universal Declaration of Human Rights was introduced in 1948, this was neither the beginning nor the end of the global dialogue surrounding the rights associated with being human. This course applies a sociological lens to understand the social context of these universality claims by focusing on specific human rights topics such as human slavery, migration and citizenship, or food sovereignty. Prerequisite: SOC 121, SOC 131, SOC 203, SOC 204, or permission of the instructor. Liberal Arts Core/University Requirements Designation: SS-2, GP. (3)

SOC 385 - Global Inequality and Community Development

Why is inequality so severe in the world today, and what can we do about it? This course explores how global inequality is conceptualized, where it comes from, and what consequences it has for peoples and places around the world. Students are introduced to contemporary community development initiatives and the impacts of these attempts to improve the living conditions for the world's least powerful. Prerequisite: SOC 121, SOC 131, SOC 203, SOC 204, or permission of the instructor. Liberal Arts Core/University Requirements Designation: SS-2, GP. (3)

SOC 395 - Cities in the 21st Century

How do we build cities so that those living there thrive? Large global cities, like Washington, DC, serve as seats of power, capitals of enterprise, and leisure destinations

for millions. The multiple functions of a city like Washington, DC, are a reflection of the interplay between planning priorities and input from community voices, which can impact the way a city is experienced by those who live, work, and play in local neighborhoods. In this course, we examine urban development strategies, urban planning practices, and grassroots mobilization efforts that aim to construct a just and inclusive city. We will examine the best practices of community building, place-making, and urban change in cities around the world. Minimum grade of D required to pass the class. Prerequisite: SOC 121, SOC 131, SOC 203, or SOC 205. Liberal Arts Core/University Requirements Designation: SS-2. (3)

SOC 400 - Internship

Senior students apply their sociological skills in a supervised field experience in a community-based organization that is intended to help students make connections between the local and global, as well as gain an appreciation for how to make a difference. Prerequisite: permission of the instructor. Liberal Arts Core/University Requirements Designation: EXP. (3)

SOC 421 - Project

Research of an original topic in sociology in collaboration with or under the direction of a faculty advisor. The project is intended to demonstrate ability to conduct and report independent research. Prerequisite: permission of instructor. (1-3)

SOC 433 - Research

Students conduct collaborative research (scholarly work leading to new knowledge) under the direction of a faculty member. Prerequisite: permission of instructor. Liberal Arts Core/University Requirements Designation: EXP. (1-6)

SOC 495 - Senior Practicum

This capstone course provides students with an opportunity to engage in conversations and apply their sociological imagination to current events. In addition, students practice academic and professional skills when working on a community-based research question or topic. The senior practicum is designed to build on prior coursework, but this is also open to sociology minors who successfully complete the prerequisites. Successful completion of all assignments is required to pass the course. Prerequisites: minimum grade of C- in SOC 251, SOC 350, and SOC 351 and permission of the

instructor. Liberal Arts Core/University Requirements Designation: DSINQ, WL. (3)

SOC 497 - Community Engagement Experience

This senior-level seminar is an opportunity to learn by "doing sociology." Students apply the sociological skills developed in previous courses to contemporary issues. With guidance from an academic advisor, students select the path that best meets their career goals: an internship placement, a research experience, or a teaching apprenticeship. This course is a required course for the sociology major and open to sociology minors. Prerequisites: minimum grade of C- in SOC 251, SOC 350, and SOC 351 and permission of instructor. Liberal Arts Core/University Requirements Designation: EXP, DSINQ. (3)

SP - Spanish

SP 101 - Introductory Spanish I

Teaches basic Spanish communication skills to students who have little or no previous training. Emphasis is on comprehension and production of simple sentence patterns. The class is conducted in Spanish. Liberal Arts Core/University Requirements Designation: GP. (3)

SP 102 - Introductory Spanish II

Broadens the beginning student's knowledge of fundamental Spanish. The focus is on complex syntactic and semantic structures in all areas of communication skills. The course also introduces students to the Hispanic culture. The class is conducted in Spanish. Prerequisite: SP 101 or equivalent. Liberal Arts Core/University Requirements Designation: GP. (3)

SP 201 - Intermediate Spanish I

Provides an active and comprehensive review of basic Spanish and is designed to improve the spontaneous use of spoken Spanish. It is appropriate for students who have had two years of high school Spanish or one year of college Spanish. (3)

SP 202 - Intermediate Spanish II

Prefects the ability to speak, read, and write Spanish; special emphasis is given to developing writing skills. It is appropriate for students with a strong basic foundation in Spanish. Prerequisite: SP 201 or equivalent. (3)

SP 301 - Communicating in Spanish

Students strengthen oral communication skills through discussion of contemporary issues in the Hispanic world. Not open to native Spanish speakers or those with near-native Spanish-speaking skills. Prerequisite: SP 202 or approval of instructor. (3)

SP 303 - Spanish Civilization and Culture

A study of the historical and cultural roots of the Hispanic world in Europe and the Americas. The course is conducted in Spanish. Prerequisite: SP 202 or equivalent, or approval of instructor. (3)

SP 305 - Topics in Spanish and Latin American Literature

Students read and analyze short stories, poetry, plays, and essays written by authors in varying time periods from Spanish-speaking countries around the world focusing on a topic. Readings, analysis, and discussions are conducted in Spanish. Prerequisite: SP 202 or permission of instructor. Liberal Arts Core/University Requirements Designation: LT-1. (3)

TRS - Theology and Religious Studies

TRS 100 - Theological Inquiry

By introducing the discipline of Christian theology, this course will be foundational to further studies in theology and religious studies. It primarily examines the perennial questions of existence and the answers proffered by the Christian faith. It presents an overview of the development of Christian theology with an emphasis on the role Christian theology can play in the students' lives, culture, and world. The issue of the responsibilities of Christianity in a pluralistic world is also addressed. Course includes significant reading and writing components. Prerequisite or corequisite: EN 101 or higher. Liberal Arts Core/University Requirements Designation: TRS-1. (3)

TRS 201 - Understanding Religion

Religion matters to individuals, to families, and to societies. This course examines religion cross-culturally, seeking to understand what it is and how it works. Common features of religions such as beliefs in the supernatural, mystical experiences, myths, rituals, organizational structure, and moral guidelines will be explored through ancient and modern religious traditions. Prerequisites: TRS 100 and EN 102 with a

grade of C- or better. Liberal Arts Core/University Requirements Designation: DSINQ, GP, TRS-2. (3)

TRS 202 - Religions of the World

Ancient and modern religions are studied as varied responses to the search for ultimate meaning and purpose in human existence. Building on foundational knowledge of Christianity learned in TRS 100, students will explore indigenous religious traditions and major world religions. Prerequisite: TRS 100. Liberal Arts Core/University Requirements Designation: GP, TRS-2. (3)

TRS 251 - The Religion of the Old Testament

Designed as an introduction to the tools, resources, and critical methods for reading and interpreting Old Testament scripture. Special attention is given to the historical context out of which the Judeo-Christian faith and its confessional documents emerged. Prerequisite: TRS 100. Liberal Arts Core/University Requirements Designation: TRS-2. (3)

TRS 260 - The New Testament Gospels

Designed as an introduction to the tools, resources, and critical methods for reading New Testament scriptures. Attention is given to the historical context of the Gospels and principal tenets of Christianity. Prerequisite: TRS 100. Liberal Arts Core/University Requirements Designation: TRS-2. (3)

TRS 261 - The New Testament Epistles

Provides a systematic and critical examination of the epistles of the New Testament. Emphasis on textual exegesis, the historical context, and the theological significance of the epistles. Prerequisite: TRS 100. Liberal Arts Core/University Requirements Designation: TRS-2. (3)

TRS 270 - Christ in Christianity

The course studies the interpretations of the work and person of Jesus Christ. It attends to the role of culture and the situation of the church in shaping various portraits of Jesus and dogmas of Christ's constitution and salvation. Prerequisite: TRS 100. Liberal Arts Core/University Requirements Designation: TRS-2. (3)

TRS 271 - The Christian God: One and Three

Presents the Christian doctrine of God in its historical and theological context. Prerequisite: TRS 100. Liberal Arts Core/University Requirements Designation: TRS-2. (3)

TRS 272 - The Mystery of the Church

This course will explore ecclesiology, the theological study of the Christian church. Questions to be addressed include the importance and limits of ecclesial diversity, the inculturation of the church in different cultures and contexts, the role of women in the Christian church, theories of authority and church office, the relation between the Christian church and Judaism, ecumenism, and the church and salvation in a multi-religious world. Prerequisite: TRS 100. Liberal Arts Core/University Requirements Designation: TRS-2. (3)

TRS 273 - Sacraments in Christian Theology

An introduction to the study of Christian sacraments and liturgical practices. The course focuses on the historical development of Christian worship and on correspondences and differences in liturgical practices among contemporary Christian communities. Emphasis will be placed on the relation between the theological interpretation of ritual and sacramental practices and other topics in systematic theology, including doctrines of God, Christ, the church, and grace. Prerequisites: EN 102 and TRS 100. Liberal Arts Core/University Requirements Designation: TRS-2. (3)

TRS 280 - Faith & Doubt in Christian Theology

This course traces the theology of faith and doubt in Christian history to shed light on responses to faith and doubt within the modern world and church. This faith will be compared and contrasted with the growth of doubt within believing communities and the growth of secularism. Prerequisite: TRS 100. Liberal Arts Core/University Requirements Designation: TRS-2. (3)

TRS 320 - American Religious History

This course focuses on the history of religious traditions in the United States with the aim of understanding the role of religion in shaping American society. Prerequisites: TRS 100, and HI 110 or HI 111. Liberal Arts Core/University Requirements Designation: TRS-2. (3)

TRS 325 - Religious Approaches to Death

This course examines the myriad ways in which people turn to religion in response to death. Special attention will be given to religious practices and beliefs in contemporary societies. Prerequisites: EN 102 and TRS 100. Liberal Arts Core/University Requirements Designation: GP, TRS-2. (3)

TRS 330 - Religious Journeys of Young Adults

This course explores the religious lives of contemporary young adults. Students will examine how religious engagement changes in the transition from adolescence to adulthood and how young adults construct meaningful lives in conversation with religious traditions and religious communities. Students will also explore new efforts of religious institutions to engage young adults and conduct field research of a local religious group. Prerequisites: TRS 100 and one course in either sociology or psychology, or permission of instructor. Liberal Arts Core/University Requirements Designation: TRS-2. (3)

TRS 340 - Judaism in Thought and Practice

Students will explore Jewish history through the biblical, rabbinic, medieval, and modern periods; learn about Jewish rituals and liturgical practices; and examine the basic tenets of Judaism. Students also will examine issues that challenge the Jewish community today, including the role of Israel in the life of the Jewish people and intermarriage. Prerequisite: TRS 201 or TRS 202. Liberal Arts Core/University Requirements Designation: GP. (3)

TRS 345 - Buddhist Traditions

This course provides an in-depth survey of the diverse Buddhist traditions. Beginning with an examination of Buddhism's origins in India, the beliefs and doctrines of the major Buddhist schools of Asia will be outlined, as well as religious practices including meditation, pilgrimage, and devotional rituals. Students will comparatively analyze Buddhist religious expressions in order to develop a clear understanding of the historical and cultural differences within Buddhist traditions. Prerequisite: TRS 201 or TRS 202. Liberal Arts Core/University Requirements Designation: GP. (3)

TRS 351 - Christian Ethics in the Contemporary World

This course develops a critical and systematic approach to moral theology by examining the sources of the Christian moral life and the principles for free choice. The course will examine the meaning of human freedom, conscience, sin, and grace as rooted in the nature of the human person and in the revealed word of God; it also surveys the historical development of the Christian moral life. Prerequisite: TRS 100. Service Learning (SL) Designated Course: approx. 20 hours service. Liberal Arts Core/University Requirements Designation: TRS-E. (3)

TRS 352 - Catholic Health Care Ethics

After examining the principles of moral theology, this course specifically examines a variety of medical issues in the context of Catholic teaching as demonstrated in relevant Church documents. Issues include euthanasia, abortion, birth control, sterilization, and organ transplants. Prerequisite: TRS 100. Liberal Arts Core/University Requirements Designation: TRS-E. (3)

TRS 353 - Faith, Justice, and Public Life

After examining the principles of moral theology, this course specifically examines a variety of social issues in the context of Catholic teaching as demonstrated in relevant church documents. Issues include warfare, labor rights, international relations, and social justice. Prerequisite: TRS 100. Service Learning (SL) Designated Course: approx. 20 hours service. Liberal Arts Core/University Requirements Designation: TRS-E. (3)

TRS 361 - Grace and Sin, Heaven and Hell

Examines the Christian doctrines of grace and sin, looking at their historical development, present location in theology, and eschatological implications. Prerequisites: EN 102 and TRS 100. Liberal Arts Core/University Requirements Designation: DSINQ, TRS-2, WI. (3)

TRS 362 - Friendship, Marriage, and God

A systematic approach to Catholic moral teaching on interpersonal relationships. The course examines the theology of the human person in light of creation, covenant, and redemption and examines the pertinent moral issues and teaching regarding single, married, and family life. Prerequisites: EN 102 and TRS 100. Liberal Arts Core/University Requirements Designation: TRS-2, WI. (3)

TRS 370 - The Bible as Literature

This course emphasizes literary analysis of selected readings and reflections on the relation of Scripture to faith. It examines the distinctive purpose of the Bible and what distinguishes it from other literature of the Western tradition. Prerequisites: TRS 100 and one of the following: TRS 251, TRS 260, or TRS 261, or permission of instructor. Liberal Arts Core/University Requirements Designation: TRS-2. (3)

TRS 380 - The History of the Early Church

The history of the Christian church surveyed from its founding by Jesus Christ to the conclusion of the

Council of Chalcedon in the 5th century. Emphasis is on the development of Christian orthodoxy and the impact of the church on human culture and development.

Prerequisites: EN 102 and TRS 100. Liberal Arts Core/University Requirements Designation: TRS-2, WI. (3)

TRS 381 - Medieval and Reformed Theology

An examination of the historical theology of the Christian church from the Scholastic Period to the Reformation. Special attention is given to the intersection of philosophy and theology in the thinkers and movements covered. Prerequisites: EN 102 and TRS 100. Liberal Arts Core/University Requirements Designation: TRS-2, WI. (3)

TRS 382 - The Church in the Modern World

A survey of the history of the Christian church since the Protestant Reformation. Special attention is given to Vatican II and the role of the church in the development of modern culture. Prerequisite: TRS 100. Liberal Arts Core/University Requirements Designation: TRS-2. (3)

TRS 400 - Internship

Students may register for an internship with a research or service agency in the Washington metropolitan area. The intern will be monitored by a supervising faculty member and a representative of the cooperating agency. Prerequisites: senior status and a GPA of at least 2.0 in major courses. Liberal Arts Core/University Requirements Designation: EXP. (3)

TRS 451 - Christian Faith in the Modern World

Presents a critical and systematic examination of Roman Catholic theology in the modern world through a study of major Catholic writers and church documents. The course aims to envelop the student in contemporary theological thinking through the topics of revelation, God, church, sacraments, morality, eschatology, and spirituality. Course is intended for majors, minors, and Honors Program students. Prerequisite: TRS 100. Liberal Arts Core/University Requirements Designation: DSINQ. (3)

TRS 498 - Project

An investigation of a selected topic in the emphasis discipline. The project is intended to demonstrate ability to conduct independent research and present the results in writing of commendable quality. (3)

TRS 499 - Senior Seminar

The focus of the senior seminar is the student research paper that demonstrates skill in researching and writing on topics in theology or religion. Prerequisites: EN 102 and senior status. Liberal Arts Core/University Requirements Designation: DSINQ, WI. (3)

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Katherine Zlabek, 2015, Post-Doctoral Teaching Fellow of English. B.A., Augustana College; M.F.A., Western Michigan University; Ph.D., University of Cincinnati

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Annette Ruth Ames, 1988-2015, Associate Professor of Fashion Design and Merchandising

Peggy Thomas Bakken, 1967-1981, Associate Professor of Speech and Drama

Judy Marsha Bass, 1984-2016, Professor of Fine Arts

Robert A. Bernstein, 1989-2016, Professor of Counseling

Alice Susan Bidwell, 1983-2014, Professor of Nursing

Lillian Bisson, 1969-2010, Professor of Literature and Languages

Jacquelyn Furman Black, 1967-1971, 1982-2015, Professor of Biology

Michael J. Bolton, 1996-2019, Professor of Criminal Justice

Charles Frederick Brand, 1991-2011, Associate Professor of Education

Paul Heed Byers, 1988-2013, Associate Professor of Communication

Theresa R. Perfetta Cappello, 1984-2014, Professor of Nursing

Nyla Gilkerson Carney, 1974-2015, Professor of Literature and Languages

Judith Miller Clear, 1982-2013, Professor of Nursing

Jef E. Dolan, 1980-2014, Assistant Professor of Communication

Janice G. Ellinwood, 1980-2018, Professor of Fashion Design and Merchandising

John Everly, 1976-1996, Professor of Biology

Susan B. Fay, 1980-2011, Professor of Literature and Languages

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Judy Green, 1989-2007, Professor of Mathematics

Chris Tucker Haggerty, 1984-2016, Professor of Fine Arts

Charles Stanley Harris, 1992-2014, Professor of Sociology

Susan V. Heumann, 1977-2019, Associate Professor of Literature and Languages

William T. Hodson, 1999-2012, Professor of Information (Management)

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Edward Maurice Kaitz, 1987-1997, Professor of Business

Denise Kaydouh, 1966-1981, Assistant Professor of Education

James Dan Knifong, 1985-2003, Professor of Mathematics

Barbara Ballard Kreutzer, 2008-2019, Professor of Biology

Teresa Marie Long, 1981-2017, Professor of Economics

Sr. Noël Loughlin, RSHM, 1976-1999, Professor of Nursing

Alice Mandanis, 1971-2010, Provost Emerita and Professor of Literature and Languages

Louise Marshall, 1976-2017, Professor of Business

Bridget Ann May, 1992-2016, Professor of Interior Design

Linda Ruth McMahon, 1965-2012, Professor of History and Politics

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Kate Ruth Sheehan, 1981-2012, Professor of Mathematics

Charles Roger Smith, 1987-2010, Professor of History and Politics

Janet Spirer, 1984-2000, Professor of Business

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Karen Volland Waters, 1984-2010, Professor of Literature and Languages

Alice Lemira Young, 1999-2016, Professor of Education

Fatma Ahmed Youssef, 1986-2011, Professor of Nursing

Notices to Students

- Marymount University reserves the right to change without notice its fees and charges, course offerings, academic policies, calendar, and other regulations.
- By a February 9, 1965, resolution of its board of directors, Marymount College of Virginia, now Marymount University, assured compliance with Department of Health, Education, and Welfare Title VI of the Civil Rights Act of 1964, with compliance registered as of April 2, 1965.
- Marymount University is an Affirmative Action and Equal Employment Opportunity employer.
- By enrolling in classes at Marymount University, a student consents to the use of their name, likeness, image, and voice by the university or its designees in any medium, such as publications, websites, and social media, for all purposes (including advertising and promotional materials), in electronic or hard copy. Student who do not want their individual photograph or image to be used should notify the photographer/videographer and submit a Request to Withhold Image form through the student portal.

Family Educational Rights and Privacy Act (FERPA)

The Family Educational Rights and Privacy Act (FERPA) affords students certain rights with respect to their education records. Those rights are the following:

1. The right to inspect and review the student's education records within 45 days of the day the university receives a request for access.
Students should submit to the registrar or appropriate dean, vice president, or other official written requests that identify the record(s) they wish to inspect. The university official will make arrangements for access and notify the student of the time and place where the records may be inspected. If the records are not maintained by the university official to whom the request was submitted, that official shall advise the student of the correct official to whom the request should be addressed.
2. The right to request the amendment of the student's education records that the student believes are inaccurate or misleading.
Students may ask the university to amend a record that they believe is inaccurate or misleading. They should write to the university official responsible for the record, clearly identify the part of the record they

want changed, and specify why it is inaccurate or misleading.

If Marymount decides not to amend the record as requested by the student, the university will notify the student of the decision and advise the student of his or her right to a hearing regarding the requests for amendment. Additional information regarding the hearing procedures will be provided to the student when notified of the right to a hearing.

3. The right to consent to disclosures of personally identifiable information contained in the student's education records, except to the extent that FERPA authorizes disclosure without consent.

One exception that permits disclosure without consent is disclosure to school officials with legitimate educational interests. A school official is a person employed by the university in an administrative, supervisory, academic, research, or support staff position; a person or company with whom the university has contracted (such as an attorney, auditor, or collection agent); a person serving on the board of trustees; or a student serving on an official committee, such as a disciplinary or grievance committee, or assisting another school official in performing his or her tasks.

A school official has a legitimate educational interest if the official needs to review an education record in order to fulfill his or her professional responsibility. Upon request, Marymount discloses education records without consent to officials of another school in which a student seeks enrollment or intends to enroll.

4. The right to file a complaint with the U.S. Department of Education concerning alleged failures by Marymount University to comply with the requirements of FERPA. The name and address of the office that administers FERPA is:
Family Policy Compliance Office
U.S. Department of Education
400 Maryland Avenue, SW
Washington, DC 20202-4605

Public Notice Designating Directory Information

Marymount designates the following information contained in students' education records as "directory information." Directory information may be disclosed

by the university without the student's prior consent pursuant to the provisions of the Family Educational Rights and Privacy Act of 1974 (FERPA). However, the university is not required to disclose directory information and, therefore, carefully evaluates requests for information. At Marymount University, directory information includes the student's name, mailing address, telephone number, email address, date and place of birth, major field of study, dates of attendance, grade level, enrollment status (undergraduate or graduate; full time or part time), participation in officially recognized activities or sports, height and weight of student-athletes, degrees, honors (including Dean's List) and awards received, and the most recent educational agency or institution attended.

Virginia law precludes Marymount from disclosing the address, telephone number, or email address of a currently enrolled student, pursuant to 34 C.F.R. § 99.31(a)(11), except as required by state or federal law or unless (a) the disclosure is to students enrolled in the institution for educational purposes or institution business and the student has not opted out of such disclosure in accordance with 34 C.F.R. § 99.31(a)(11) and institution policy or (b) the student has affirmatively consented in writing to such disclosure except as required by state or federal law. This subsection shall not apply to disclosures, other than disclosures pursuant to 34 C.F.R. § 99.31(a)(11), permitted under FERPA.

Currently enrolled students may request that the university withhold disclosure of all directory information under FERPA by meeting with the university registrar. Currently enrolled students may meet with the university registrar at any time throughout the year. A request to withhold directory information

will immediately affect prospective disclosures.

Marymount University assumes that failure on the part of any student to specifically restrict the disclosure of directory information indicates individual approval for disclosure. Former students may not place a new request to restrict disclosure of directory information on their education records, but they may request removal of a previous request for nondisclosure.

Consumer Information and Student Achievement

Information for current and prospective students regarding athletics, financial aid, health and safety, and other student issues is also publicly available. This information, along with data on student and alumni achievement, can be found on the [Office of the Registrar](#) website.

Nondiscrimination

Marymount University does not discriminate on the basis of race, color, national origin, sex, age, disability, religion, sexual orientation, or other protected class in any of its educational programs or activities.

Marymount University seeks compliance with Title VI of the Civil Rights Act of 1964, Title IX of the Education Amendments of 1972, and section 504 of the Rehabilitation Act of 1973, which respectively prohibit discrimination. Inquiries regarding these issues may be directed to the vice president for student affairs and Title IX coordinator. Students who want to file a complaint should contact the vice president for student affairs and Title IX coordinator.

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