

# COLLEGE OF ARTS, SCIENCES, AND LETTERS

## Applied and Computational Mathematics (MS)

### Undergraduate Degree Required

Bachelor's degree in mathematics, statistics, computer and information science, engineering, a physical science or life science with an expected 3.0 minimum cumulative GPA or higher

### Standardized Test Scores

GRE not required

### Prerequisite Courses

- Calculus, including multivariate calculus\*
- Introductory course in linear algebra or combination of differential equations with linear algebra\*
- Introductory course in probability and statistics\*

\* Prerequisite courses may be taken concurrently

### Accelerated 4+1 Option

Current UM-Dearborn students may be eligible for the 4+1 option (<https://umdearborn.edu/casl/graduate-programs/programs/master-science-applied-and-computational-mathematics/applied-and-computational-mathematics-41-option/>) if they have:

- declared a mathematics major with at least 60 completed credit hours
- a cumulative GPA of at least 3.2
- completed the following prerequisite courses:
  - Math major prerequisites
  - MATH 227 (grade of B+ or better)
  - MATH 228 (grade of B+ or better)
  - MATH 300

## Biological and Biomedical Sciences (MS)

### Undergraduate Degree Required

Bachelor's degree in biological sciences or a related field with a foundation in science and math with a minimum cumulative GPA of 3.1 or higher

### Standardized Test Scores

GRE not required

### Accelerated 4+1 Option

Current UM-Dearborn students may be eligible for the 4+1 option (<https://umdearborn.edu/academics/program/biological-and-biomedical-sciences-ms/>) if they have:

- at least 60 completed credit hours and are enrolled in an undergraduate program at UM-Dearborn
- a cumulative GPA of at least 3.25
- are not enrolled in two undergraduate programs or in a dual-degree program in either their undergraduate or graduate program of study

## Clinical Health Psychology (MS)

### Undergraduate Degree Required

Bachelor's degree in Psychology or a related major with an expected minimum cumulative GPA of 3.0 or higher.

Students without undergraduate Psychology degrees are welcome to apply, but will need to have taken all prerequisites.

### Standardized Test Scores

GRE not required

### Prerequisite Courses

- Introductory psychology
- Statistics
- Abnormal psychology

## Criminology and Criminal Justice (MS)

### Undergraduate Degree Required

Bachelor's degree with an expected minimum cumulative GPA of 3.0 or higher

### Standardized Test Scores

GRE not required

### Prerequisite Courses

- Introduction to Criminal Justice (CRJ 200 or equivalent)\*
- Criminology (CRJ 468 or equivalent)\*
- Criminal Law (CRJ 416 or equivalent)\*

\* Prerequisite courses should be completed prior to graduate coursework; these courses may be taken concurrently with graduate coursework at the discretion of the program director

### Accelerated 4+1 Option

Current UM-Dearborn undergraduate Criminology and Criminal Justice students who have completed at least 60 credit hours with a cumulative GPA of 3.0 or better may be eligible to enroll in the 4+1 accelerated option (<https://catalog.umd.umich.edu/graduate/graduate-admissions/special-program-admission/4-1-options/>).

## Environmental Science (MS)

### Undergraduate Degree Required

Bachelor's degree with a foundation in basic science and math akin to Environmental Science or equivalent as determined by the program director

### Standardized Test Scores

GRE not required

### Prerequisite Courses

Applicants outside of traditional Natural Sciences degrees are strongly encouraged to speak with the program director for additional information pertinent to their application for admission.

As part of admission review, any prerequisite coursework not previously taken that is determined to be necessary for success in the program will be individually itemized.

## Public Administration and Policy (MPAP)

### Undergraduate Degree Required

Bachelor's degree with an expected minimum cumulative GPA of 3.0 or higher

**Standardized Test Scores**

GRE not required

**Other Experience Required**

Public or non-profit management experience is required or an additive credit internship may need to be taken

**Accelerated 4+1 Option**

Current UM-Dearborn students may be eligible for the 4+1 option (<https://umdearborn.edu/academics/program/41-programs/>) if they have:

- at least 60 completed credit hours and are enrolled in an undergraduate program at UM-Dearborn
- a cumulative GPA of at least 3.2