

APPLIED MATHEMATICS MINOR

<https://ceps.unh.edu/mathematics-statistics/program/minor/applied-mathematics>

Description

This minor program introduces students to variety of fields and research specializations in which mathematics plays a critical role in the solution of important scientific and technological problems.

For further information, please contact the minor coordinator located on the department website.

Requirements

Academic policies related to Minors.

Credit toward the minor will only be given for courses passed with C- or better, and a 2.00 grade-point average must be maintained in courses for the minor.

- Courses taken on a pass/fail basis may not be used for a minor.
- No more than 8 credits used to satisfy major requirements may be used for the minor.
- No more than 2 courses or 8 credits may be from transfer coursework. Any transferred coursework must be approved by the minor coordinator.

For additional details on how to declare a minor, please visit <https://www.unh.edu/registrar/academic-records/majors-minors>.

The minor requires a minimum of five MATH courses (20 credits). Students are responsible for completing any applicable pre-requisite courses.

Code	Title	Credits
Required Courses		
MATH 528	Multidimensional Calculus ¹	4
MATH 645	Linear Algebra for Applications ¹	4
MATH 745	Foundations of Applied Mathematics I	4
MATH 753	Introduction to Numerical Methods I	4
Elective		
Select one course from the following:		4
MATH 647	Complex Analysis for Applications	
MATH 747	Introduction to Nonlinear Dynamics and Chaos	
MATH 755	Probability with Applications	
MATH 757	Mathematical Optimization for Applications	
Total Credits		20

¹ This requirement may be satisfied by MATH 525 Linearity I & MATH 526 Linearity II.