

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.

Credit toward the minor will be given only for courses passed with C- or better, and a 2.0 grade-point average must be maintained in courses for the minor. Courses taken on the pass/fail basis may not be used for the minor. Students should declare their intent to earn a minor as early as possible and no later than the end of the junior year. During the final term, an application should be made to the dean of the student's major college to have the minor shown on the academic record. Students must consult with their major adviser and also the minor supervisor.

It requires a minimum of five MATH courses as detailed in the minor requirements. No more than 8.0 credits (or two courses) used by the student to satisfy major requirements may be used for the minor. Additional courses from the list of course electives may be utilized to meet the five-course minimum.

For further information please contact Professor John McClain.

Requirements

Code	Title	Credits
Required		
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
Select ONE of the following electives		
MATH 647	Complex Analysis for Applications	
MATH 746	Foundations of Applied Mathematics II	
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.