

Minor in Computational Mathematics

(Proposed)

The department of Applied Mathematics wishes to offer a minor in Computational Mathematics for undergraduate students. This minor requires 15 credits taken by completing five 3-credit courses according to the following:

Each of the courses:

MATH 350	Introduction to Computational Mathematics
MATH 477	Numerical Linear Algebra
MATH 478	Numerical Methods for Differential Equations

One of the courses:

MATH 431	Computational Algebraic Geometry
MATH 435	Linear Optimization
MATH 461	Fourier Series and Boundary-Value Problems

One of the courses:

MATH 476	Statistics
MATH 486	Mathematical Modeling I
MATH 488	Ordinary Differential Equations and Dynamical Systems