2021 - 2022 Minor Map
Applied Mathematics

School/College: New College of Interdisciplinary Arts and Sciences
Location: West campus

Program Requirements

The minor in applied mathematics consists of 20 credit hours, of which nine must be upper-division. A minimum of six credit hours must be taken through courses offered by the School of Mathematical and Natural Sciences. All courses used to satisfy requirements for the minor must be passed with a "C" (2.00) or better.

Required -- 14 credit hours

MAT 271: Calculus with Analytic Geometry II (MA) (4)
MAT 272: Calculus with Analytic Geometry III (MA) (4)
MAT 275: Modern Differential Equations (MA) (3)
MAT 343: Applied Linear Algebra (3)

Electives -- 6 credit hours

MAT 300: Mathematical Structures (L) (3)
MAT 350: Techniques and Applications of Applied Mathematics (3)
MAT 371: Advanced Calculus I (3)
MAT 421: Applied Computational Methods (CS) (3)
MAT 451: Mathematical Modeling (CS) (3)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.