2024 - 2025 Minor Map
Computational Mathematical Sciences

School/College: The College of Liberal Arts and Sciences
Location: Tempe

Program Requirements

The minor in computational mathematical sciences consists of a minimum of 18 credit hours. At least 12 credit hours must be completed at the upper-division level and all courses must be completed with a grade of "C" (2.00 on a 4.00 scale) or better.

Required Courses -- 18 credit hours

MAT 271: Calculus with Analytic Geometry II (MATH OR MA) or MAT 266: Calculus for Engineers II (MATH OR MA) (3-4)

MAT 272: Calculus with Analytic Geometry III (MATH OR MA) or MAT 267: Calculus for Engineers III (MATH OR MA) (3-4)

MAT 342: Linear Algebra or MAT 343: Applied Linear Algebra (3)

MAT 420: Scientific Computing (3)

MAT 421: Applied Computational Methods (MATH OR CS) (3)

MAT 423: Numerical Analysis I (MATH OR CS) or MAT 425: Numerical Analysis II (CS) (3)

Prerequisite courses may be needed in order to complete the requirements of this minor.