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 (MA) or MAT 266: Calculus for Engineers II (MA) (3-4)
- MAT 272: Calculus with Analytic Geometry III (MA) or MAT 267: Calculus for Engineers III (MA) (3-4)
- MAT 342: Linear Algebra or MAT 343: Applied Linear Algebra (3)
- MAT 420: Scientific Computing (3)
- MAT 421: Applied Computational Methods (CS) (3)
- MAT 423: Numerical Analysis I (CS) or MAT 425: Numerical Analysis II (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.