

2023 - 2024 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 \(MA\)](#) 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)

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