

2024 - 2025 Minor Map

Data Science

School/College: [The College of Liberal Arts and Sciences](#)

Location: [Tempe](#)

Program Requirements

The minor in data science consists of a minimum of 25 credit hours, at least 12 of which must be at the upper division level. A grade of "C" (2.00 on a 4.00 scale) or better is required for courses used in the minor.

Required Courses -- 25 credit hours

[DAT 250: Data Science and Society](#) (3)

[DAT 300: Mathematical Tools for Data Science](#) (3)

[DAT 301: Exploring Data in R and Python](#) (4)

[DAT 401: Statistical Modeling and Inference for Data Science](#) (3)

[DAT 402: Machine Learning for Data Science](#) (3)

[MAT 265: Calculus for Engineers I \(MATH OR MA\)](#) or [MAT 270: Calculus with Analytic Geometry I \(MATH OR MA\)](#) (3-4)

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

[MAT 343: Applied Linear Algebra](#) (3)

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