Mathematics, Minor

Knowing more math increases your employability and shows you know how to problem solve. A math minor is a great complement to any degree, especially for computer science, economics, finance and the physical sciences. A math minor also complements art, music and philosophy majors.

Description

The minor in mathematics is designed for students who want to further their knowledge of mathematics. It is beneficial for students majoring in such disciplines as physics, engineering, business, economics, the life and social sciences or any field where there is a need for quantification in the analysis of phenomena.

At a Glance

- **College/School:** College of Liberal Arts and Sciences
- **Location:** Tempe campus

2018 - 2019 Major Map
Major Map (Archives)

Program Requirements

The minor in mathematics consists of a minimum of 18 credit hours, of which at least 12 must be upper-division. A grade of "C" (2.00 on a 4.00 scale) or better is required for courses used in the minor.

**Required Courses -- 9 credit hours**

A minimum of 9 credit hours is required. Students completing MAT 271 and MAT 272 will complete a total of 11 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)
Electives -- 9 credit hours

Upper Division Electives - In consultation with an academic advisor in the School of Mathematical and Statistical Sciences, students choose nine credit hours of upper division course work in any combination from ACT, MAT and STP prefixes (9)

Students may not apply ACT 491, MAT 411 or MAT 485 or any course not offered by the College of Liberal Arts and Sciences to the minor, unless approved by an academic advisor in the School of Mathematical and Statistical Sciences prior to registration.

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

Enrollment Requirements

GPA Requirement: None

Majors Ineligible to Add This Minor: BS in actuarial science; BS in applied mathematics; BS in computational mathematical science; BS in statistics; BA and BS in mathematics (including all concentrations); BAE in secondary education (mathematics)

Other Enrollment Requirements: None

Students should confer with an academic advisor in the School of Mathematical and Statistical Sciences before declaring the minor.

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Students interested in pursuing a minor should consult their academic advisor to declare the minor and to ensure that an appropriate set of courses is taken. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor. Students should contact their academic advisor for more information.

Contact Information

School of Mathematical and Statistical Sciences | WXLR A211
math@asu.edu | 480-965-7195