

Mathematical Sciences Minor

Advising

Students wishing to minor in Mathematical Sciences should select an academic advisor from among the Mathematical Sciences faculty who will help ensure that all requirements for the minor are met.

To earn a minor in Mathematical Sciences, students must complete a minimum of 24 semester hours, at least 12 hours of which must be upper-division course work taken at UIS. Transfer credit for lower-division course work and for upper-division mathematics courses is evaluated on a case-by-case basis through a Student Petition. Upon completing the core course requirements, students must then select an area of specialization (mathematics, operations research, or statistics) and complete 12 semester hours as detailed below.

Requirements

Core Courses

MAT 115	Calculus I	4
MAT 116	Calculus II	4
MAT 332	Linear Algebra	4

Select from one of the following three specializations: 12

MAT 403 Abstract Algebra

MAT 404 Geometry

One elective course (4 hours)

Operations Research Specialization Requirements

MAT 403 Abstract Algebra

or MAT 404 Geometry

MAT 442

MAT 444 Operations Research Methods

Statistics Specialization Requirements

MAT 403 Abstract Algebra

or MAT 404 Geometry

MAT 421 Statistical Methods

MAT 431 Mathematical Statistics I

Total Hours **24**