Mathematics

MINOR CODE - U024

There are two possible tracks for the Mathematics minor.

Successful completion of the minor requires that the student receive a grade of at least a C in each of the mathematics courses presented for the minor, or a cumulative grade point average of at least 2.25 in these courses.

TRACK ONE

Core Courses: 15-19

Select one of the following:

- MATH 153 Calculus 1a with Precalculus
- & MATH 154 and Calculus 1b with Precalculus
- MATH 155 Calculus 1

and:

- MATH 156 Calculus 2
- MATH 251 Multivariable Calculus
- MATH 283 Introduction to the Concepts of Mathematics

Upper-Division Electives: 9

Select one of the following:

- MATH 341 Introduction to Algebraic Structures
- MATH 343 Introduction to Linear Algebra
- MATH 381 Introduction to Analysis and Topology
- MATH 451 Introduction to Real Analysis 1

and:

- Two additional courses chosen from STAT 461, or any Math course numbered 300 or above

Total Hours 24-28

TRACK TWO

Core Courses 16-20

Select one of the following:

- MATH 153 Calculus 1a with Precalculus
- & MATH 154 and Calculus 1b with Precalculus
- MATH 155 Calculus 1

and:

- MATH 156 Calculus 2
- MATH 251 Multivariable Calculus
- MATH 261 Elementary Differential Equations

Upper-Division Electives: 9

Select one of the following:

- MATH 375 Applied Modern Algebra
- MATH 420 Numerical Analysis 1
- MATH 456 Complex Variables
- MATH 465 Partial Differential Equations

- Two additional courses chosen from STAT 461, or any Math course numbered 300 or above

Total Hours 25-29

* Except MATH 490 and MATH 493.