

MATHEMATICS MINOR

Minor requirements

(Units depend on basic courses taken.)

The mathematics minor consists of basic courses and 6 upper-level courses.

Basic courses

Course	Title
MATH 220-0 & MATH 224-0 or MATH 212-0 & MATH 213-0 & MATH 214-0	Differential Calculus of One-Variable Functions and Integral Calculus of One-Variable Functions Single Variable Calculus I and Single Variable Calculus II and Single Variable Calculus III
MATH 230-0 & MATH 234-0 & MATH 240-0 or MATH 281-1 & MATH 281-2 & MATH 281-3 or MATH 285-1 & MATH 285-2 & MATH 285-3 or MATH 290-1 & MATH 290-2 & MATH 290-3 or MATH 291-1 & MATH 291-2 & MATH 291-3	Differential Calculus of Multivariable Functions and Multiple Integration and Vector Calculus and Linear Algebra Accelerated Mathematics for ISP: First Year and Accelerated Mathematics for ISP: First Year and Accelerated Mathematics for ISP: First Year Accelerated Mathematics for MMSS: First Year and Accelerated Mathematics for MMSS: First Year and Accelerated Mathematics for MMSS: First Year MENU: Linear Algebra and Multivariable Calculus and MENU: Linear Algebra and Multivariable Calculus and MENU: Linear Algebra and Multivariable Calculus MENU: Intensive Linear Algebra and Multivariable Calculus and MENU: Intensive Linear Algebra and Multivariable Calculus and MENU: Intensive Linear Algebra and Multivariable Calculus

Students may count basic courses toward the requirements of more than one major or minor.

Upper-level Courses

Upper-level courses are courses at the 300 level or above. Students must complete 6 upper-level mathematics courses.

- The upper-level courses must include at least 1 of the following course sequences:

Course	Title
MATH 310-1 & MATH 310-2 or MATH 311-1 & MATH 311-2	Probability and Stochastic Processes and Probability and Stochastic Processes MENU: Probability and Stochastic Processes and MENU: Probability and Stochastic Processes
or MATH 320-1 & MATH 320-2 or MATH 321-1 & MATH 321-2	Real Analysis and Real Analysis MENU: Real Analysis and MENU: Real Analysis
or MATH 330-1 & MATH 330-2 or MATH 331-1 & MATH 331-2	Abstract Algebra and Abstract Algebra MENU: Abstract Algebra and MENU: Abstract Algebra
or MATH 344-1 & MATH 344-2	Introduction to Topology and Introduction to Topology

- With the prior approval of the director of undergraduate studies, the upper-level courses may include as many as 2 courses offered by other departments with substantial mathematical content or that

focus on serious applications of mathematics. No such course may count simultaneously toward the requirements of another major or minor.