

# MATHEMATICS

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## Undergraduate Studies

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Courses that meet the mathematics requirement for the B.A., B.M., and B.F.A. degrees in the College of Liberal Arts are the mathematics courses at the 100 level or above except for Math 245 and Math 246. Math 115, Elementary Statistics, has no prerequisite and is recommended for any non-mathematics major. After completing Math 261 with a C or higher, students may not receive credit for Math 121, Math 125, or Math 267.

No student may enroll in a mathematics course unless he or she has a grade of C or higher in all prerequisite courses. Grades lower than C in mathematics courses will not be counted toward the mathematics major, the B.A. or B.S. degree. Students who have received credit for Math 261 or higher may not enroll in Math 121, 123, or 125.

See the degree requirements under Programs.

## Graduate Studies

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For the M.A., M.S., and Ph.D., the full four-semester sequence of calculus is prerequisite to all graduate courses. Prerequisite to a graduate program in mathematics is a background preparation in mathematics equivalent to the undergraduate major in the College of Liberal Arts; that is, courses through calculus, supplemented by at least 18 hours in mathematics at a higher level that are to include the advanced calculus sequence.

For the M.A., M.S., and Ph.D., a reading knowledge of French or German is desirable for graduate study in mathematics, especially for students working toward a doctoral degree, but is not a requirement for the master's degree.

Students are generally required to participate in the teaching of mathematics as part of their graduate training. The department offers fellowships, assistantships, and other financial awards to assist graduate students in their studies.

See the degree requirements under Programs.

