

MATHEMATICS MAJOR

PLEASE CHOOSE: BA PROGRAM BS PROGRAM

Declaration of Major | 2012-2013 Catalogue



EDGEWOOD COLLEGE

Name: _____ ID: _____

Major Advisor Approval: _____ Date: _____

Department Chair Approval: _____ Date: _____

Intended Graduation Month: January August May Intended Graduation Year: _____

Forty-four credits in mathematics, including:

Required courses:

- MATH 231 M Calculus I
- MATH 232 M Calculus II
- MATH 233 M Calculus III
- MATH 301 U Problem Solving and Proof
- MATH 341 Linear Algebra
- MATH 351 Probability
- MATH 485 X3 Mathematics Seminar
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Transfer credit applied (including AP/CLEP/etc):

Course/Institution:

At least five additional mathematics courses with at least 19 credits from the following list, chosen with the consent of the student's academic advisor, to include at least one from each of the three pairings. Majors planning to go to graduate school should take both courses in all three pairings.

- MATH 331 Differential Equations

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Analysis Pairing:

- MATH 431 Real Analysis
- MATH 432 Complex Analysis

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Algebra Pairing:

- MATH 441 Abstract Algebra I
- MATH 442 Abstract Algebra II

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Geometry Pairing:

- MATH 461 Geometry
- MATH 462 Topology

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Other courses to total 19 credits:

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A minimum GPA of 2.5 in the above mathematics courses.

Mathematics majors are recommended to take a computer programming course. Majors planning to pursue a career in actuarial science should consult with their advisor regarding additional recommendations.