MATH 241 Calculus III 4

Completed in one of two ways:

- MATH 347 Fundamental Mathematics (and four courses chosen from at least two of the following lists of courses) 15

- OR

  five courses chosen from at least two of the following lists of courses.

Algebra

- ASRM 406 Linear Algebra with Financial Applications (formerly MATH 410)
- MATH 415 Applied Linear Algebra
- MATH 416 Abstract Linear Algebra
- MATH 417 Intro to Abstract Algebra
- MATH 418 Intro to Abstract Algebra II
- MATH 427 Honors Abstract Algebra
- MATH 453 Elementary Theory of Numbers

Discrete Mathematics

- MATH 412 Graph Theory
- MATH 413 Intro to Combinatorics
- MATH 414 Mathematical Logic
- MATH 482 Linear Programming

Analysis

- MATH 284 Intro Differential Systems
- MATH 285 Intro Differential Equations
- MATH 286 Intro to Differential Eq Plus
- MATH 424 Honors Real Analysis
- MATH 425 Honors Advanced Analysis
- MATH 441 Differential Equations
- MATH 442 Intro Partial Diff Equations
- MATH 443 Complex Variables
- MATH 444 Elementary Real Analysis
- MATH 446 Applied Complex Analysis
- MATH 447 Real Variables
- MATH 448 Complex Variables
- CS 450 Numerical Analysis
- MATH 484 Nonlinear Programming
- MATH 487 Advanced Engineering Math
- MATH 489 Dynamics & Differential Eqns

Geometry

- MATH 402 Non Euclidean Geometry
- MATH 403 Euclidean Geometry
- MATH 423 Differential Geometry
- MATH 428 Honors Topics in Mathematics
- MATH 432 Set Theory and Topology
- MATH 481 Vector and Tensor Analysis

Probability and Statistics

- MATH 461 Probability Theory
- STAT 400 Statistics and Probability I
- STAT 410 Statistics and Probability II
  or STAT 420 Methods of Applied Statistics

Total Hours 19

1 Students may use STAT 410 or STAT 420, but not both toward the minor.