# MATH 200 1 unit  Mathematics: Form and Function  E  CoReq: Math 253
# MATH 253 5 units  Calculus and Analytic Geometry I (GM)  E  Math 152 or (Math 150 and 151) each with C or better
# MATH 254 4 units  Calculus and Analytic Geometry II  E  Math 253 or (Math 250 and 151) or (Math 250 and 152) each with C or better
# MATH 255 4 units  Calculus and Analytic Geometry III  E  Math 254 with C or better
# MATH 263 1 unit  Introduction to R  E  CoReq: Math 250 or Math 253
# MATH 280 3 units  Discrete Mathematics  E  Math 250 with B or better or Math 253 with C or better
# MATH 301 3 units  Introduction to Analysis  E  Math 254 with C or better and Math 280
# MATH 342 3 units  Applied Statistics  E  Math 250 or 253 with C or better and Math 263, CS172, or CS174
# MATH 343 3 units  Applied Probability: Theory and Practice  F  Math 250 or 253 with C or better and Math 263, CS172, or CS174
# MATH 346 3 units  Theory of Interest  S  Math 254 with C or better
# MATH 355 3 units  Matrices and Linear Algebra  E  Math 250 with B or better or Math 253 with C or better
# MATH 420 3 units  Applied Regression Analysis  F  Math 342 or consent of instructor
# MATH 442 4 units  Mathematical Statistics  S  Math 255 with C or better and Math 343 with C or better

**Unique Computer Science Requirement (3 units)** — select one of the following:

- COMPSCI 170 3 units  Introduction to Python Programming
- COMPSCI 171 3 units  Introduction to Visual Basic Programming
- COMPSCI 172 3 units  Introduction to JAVA (GM)
- COMPSCI 174 3 units  Introduction to C++ (GM)
- COMPSCI 220 3 units  Intermediate JAVA
- COMPSCI 222 3 units  Intermediate C++
- COMPSCI 347 3 units  Scientific Computing

**Unique Writing Requirement (3 units)** — select one of the following:

- ENG 370 3 units  Advanced Composition
- ENG 372 3 units  Technical and Scientific Writing

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**MILESTONES**

**Math Exit Interview**

**GPA Requirement of 2.0**

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* E = Every Semester
  S = Every Spring
  F = Every Fall
  SOY = Every Odd Spring
  SEY = Every Even Spring
  FOY = Every Odd Fall
  FEY = Every Even Fall

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For students interested in a career as an actuary.