Bachelor of Science in Mathematics, Option I: Actuarial Science
2018 - 2020 Catalog

Core Curriculum Requirements* (24 hrs)

- UGS 302 or 303 First-Year Signature Course
- RHE 306 Rhetoric & Composition
- E 316P/N/M/L/K Literature
- American History 1
- American History 2
- American Government
- Government 2
- Social & Behavioral Science (fulfilled by ECO 304K)
- Visual & Performing Arts
- Mathematics (fulfilled by M 408N/C)
- Science Sequence, 6 hrs (fulfilled by major requirement)
- Science, 3 additional hours (fulfilled by C S 303E)
- Writing flag (from course not fulfilling core curriculum)

*Courses that fulfill above core curriculum requirements are designated in course schedule.

Course Flag Requirements

- Upper division writing flag (WR)
- Additional writing flag (WR) *1 WR flag must not overlap with core
- Independent Inquiry flag (II) (some math courses have this flag)
- Quantitative Reasoning flag (QR) (fulfilled by M 408N/C)
- Global Cultures flag (GC)
- Ethics & Leadership flag (EL)

Mathematics Requirements (41 hrs)

One of the following:
- M 408C & D or M 408N & S or M 408K & L

One of the following:
- M 325K or M 328K
- M 341
- M 362K and M 358K or M 378K
- M 329F, 339D, 339J, and 339U

Two of the following:
- M 339V, 339W, 349P

One additional course from the following:

One upper-division math course identified as Inquiry Based Learning and/or which has an II flag (can overlap with math course above)

Additional Major Requirements (26-29 hrs)

- ECO 304K Intro to Microeconomics
- ECO 304L Intro to Macroeconomics
- ACC 310F Foundations of Accounting or
- ACC 311 Financial ACC & ACC 312 Managerial ACC
- FIN 357 Business Finance
- CS 303E Elements of Computers/Programming
- 8 hrs of majors-level science coursework in one area: AST, BIO, CH, GEO, and PHY

At least 6 hrs of upper-division coursework outside mathematics, AST, BIO, CH, GEO, PHY, philosophy courses in logic, CS courses in discrete mathematics, engineering, and actuarial foundation courses (FIN 357 counts for 3 of the 6 hrs)

General Electives* (26-29 hrs)

- 120 hours total

Physical activity courses (PED or KIN) and non-majors science courses will not count toward the required 120 hours. Only 6 hours of pass/fail coursework will count toward the required 120 hours.

For planning purposes only; please consult your academic advisor for degree requirements and progress