

ACADEMIC ADVISING

Partnering with students to successfully navigate college

Location: Main Hall 208

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Website: [Academic Advising](#)

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Current UCCS Students

- Appointments: www.uccs.edu/advising/current-students

Prospective Students: www.uccs.edu/admissions/contact

GENERAL INFORMATION

Actuarial Science preparation is a listing of strongly recommended courses for students interested in pursuing a career as an Actuary. These courses cover topics that will be included in some of the preliminary professional exams that students need to pass to become a credentialed Actuary. Additional study outside of the degree program will be required to successfully complete the remaining Actuary exams.

Preparation for becoming an Actuary is not a defined degree program, but students should plan on pursuing a degree in Mathematics or Economics. **The best preparation will likely come from pursuing the Statistics Option in the BS in Mathematics program or the Actuary/Applied Analysis Elective Focus in the BA in Economics program supplemented with the course work below, much of which is already required for these degree programs.**

ACTUARIAL SCIENCE PREP INFORMATION

STRONGLY RECOMMENDED COURSES		
Course/Area	Course Title	Credit Hrs
ECON 1010 or 3010	Introduction to Microeconomics or Intermediate Microeconomic Theory	3
ECON 2020 or 3020	Introduction to Macroeconomics or Intermediate Macroeconomic Theory	3
MATH 1350	Calculus I	4
MATH 1360	Calculus II	4
MATH 2350	Calculus III	4
MATH 3130	Introduction to Linear Algebra	3
MATH 3810	Introduction to Probability and Statistics	3
MATH 4310	Modern Analysis I	3
MATH 4810	Mathematical Statistics I	3
MATH 4820	Mathematical Statistics II	3
MATH 4850	Stochastic Modeling	3
Additional Recommended Courses	Business, Communication, Computer Science, Economics, Finance, and Professional and Technical Writing	

Resources for students interested in becoming an Actuary:

- **Be an Actuary** is a website for prospective Actuaries and provides a central location for most of the information students will need to pursue an Actuary career and is sponsored by CAS and SOA - <http://www.beanactuary.org/>
- Casualty Actuarial Society (CAS) - <http://www.casact.org/>
- Society of Actuaries (SOA) - <https://www.soa.org>
- UCCS Career Center: <https://career.uccs.edu/>