

Our actuarial science curriculum prepares you for success in professional exams and your future career

Professional Exams

Our coursework prepares you to sit for the following professional actuarial exams:

- SOA Exam P — Probability
- SOA Exam FM — Financial Mathematics
- SOA Exam IFM — Investment & Financial Markets
- SOA Exam SRM — Statistics for Risk Modeling
- SOA Exam STAM — Short Term Actuarial Mathematics
- SOA Exam LTAM — Long Term Actuarial Mathematics
- CAS Exams MAS I-II — Modern Actuarial Statistics
- CAS Exam 5 — Basic Techniques for Ratemaking and Estimating Claim Liabilities

You will be reimbursed for passing exams and earn extra funds if you pass them early.

Georgia State University also offers coursework that satisfies the Validation by Educational Experience (VEE) requirements:

- VEE in Accounting and Finance
- VEE in Economics
- VEE in Mathematical Statistics

Internships and Job Opportunities

The actuarial career is consistently ranked, year after year, as one of the highest-paying, best jobs in America (source: beanactuary.org/what-is-an-actuary/a-top-ranked-job/articles). In collaboration with Robinson's Career Advancement Center, the Actuarial Student Association and Gamma Iota Sigma, we host a large number of industry information sessions and networking events, as well as an annual career fair exclusively for actuarial science majors. We also regularly sponsor student travel to professional meetings or conferences. Most of our students complete a summer internship prior to securing a well-paying full-time position upon graduation.

For More Information Visit:

robinson.gsu.edu/academic-departments/risk-management-and-insurance

Key Courses and Sequencing

The following are key courses in the major. They are complemented with a number of additional courses developing your soft skills and knowledge of business. The scheduling can be accelerated for well-prepared students.

Junior Fall

- AS 3230 — Financial Mathematics, with optional lab section
- FI 3300 — Corporation Finance
- MATH 4751 — Mathematical Statistics I

Junior Spring

- AS 4140 — Probability, with optional lab section
- FI 4090 — Introduction to Financial Data Analytics
- MATH 4752 — Mathematical Statistics II

Senior Fall

- AS 4320 — Loss Models and Credibility
- AS 4340 — Life Contingencies I
- AS 4510 — Derivative Valuation and Risk Management
- RMI 4680 — Regression Modeling

Senior Spring

- AS 4350 — Life Contingencies II
- AS 4360 — Ratemaking and Loss Reserving
- RMI 4990 — Risk Analysis Clinic

B.B.A in Actuarial Science

Immerse yourself in the best actuarial science program in the Southeast

Enjoy the benefits of learning in one of the leading programs of its kind in the world. Robinson's Actuarial Science program was established in 1958 and is part of the Department of Risk Management & Insurance that has been continuously ranked in the top 10 by U.S News & World Report since 1999.

The Actuarial Science program at Georgia State University has been a Society of Actuaries Center of Actuarial Excellence since 2009. Graduates of our program have gone on to become Fellows or Associates of the Society of Actuaries and the Casualty Actuarial Society, as well as leaders in the actuarial profession and related disciplines

Learn from faculty with actuarial credentials, extensive industry experience and international reputations, who are actively engaged in actuarial research and the education of talented students from all over the world.

Prepare yourself for a growing job market and network with a large alumni base 60 years in the making.

Atlanta is one of the top cities in the U.S. for insurance and financial services companies, reinsurers and consulting firms.

Actuarial Student Association

AS students benefit from membership in the Actuarial Student Association, the academic club for students studying actuarial science at Georgia State University. In collaboration with the Robinson Career Advancement Center, the club hosts dozens of information and networking events for students, faculty, and industry professionals, including bi-weekly "Actuary Fridays."

According to the U.S. Bureau of Labor Statistics, **"Employment of actuaries is projected to grow 18 percent from 2019 to 2029, much faster than the average for all occupations.**

Actuaries will be needed to develop, price, and evaluate a variety of insurance products and calculate the costs of new, emerging risks." (bls.gov/ooh/math/actuaries.htm)

Program graduates work for a variety of well-respected companies including Aetna, AIG, American Family Insurance, Aon, Assurance America, Blue Cross Blue Shield, Cigna, KPMG, Mercer, Merlino & Associates, Milliman, Munich Re, New York Life, Northwestern Mutual, Oliver Wyman, OneTrust, Protective Life, SCOR, State Farm, and Willis Towers Watson.

Scholarships

Through its Risk Management Foundation, the RMI department offers scholarships to its students, some of which may be awarded as early as freshman year. These scholarships are in addition to funds students receive through other Georgia State University or external sources. Each year the department has approximately **\$200,000 available for scholarships** with applications accepted from March 1st through March 31st. The application process is easy, using a digital application format that allows students to complete and submit the application and required documentation all at one time. New applicants and returning applicants can use the digital RMI Scholarship and Fellowship Application to apply for all RMI department scholarships.

In addition, the Risk Management Foundation provides reimbursement for passed actuarial exam fees and "early passer" incentives to AS students.