



**EDINBORO
UNIVERSITY**

MATHEMATICS ACTUARIAL SCIENCE

Actuaries analyze the financial costs of risk and uncertainty. They use mathematics, statistics, and financial theory to assess the risk that an event will occur, and they help businesses and clients develop policies that minimize the cost of that risk. Actuaries' work is essential to the insurance industry.

Profile of successful Actuarial Science majors:

- Math subtest score on SAT \geq 620
- Success in advanced high school math courses
- Highly motivated, strong work ethic
- Interested in math and business

Courses in Actuarial Science:

- Accounting
- Economics
- Finance
- Internship
- Math
- Statistics

Edinboro University Actuarial Science graduates work at insurance companies, financial institutions, and government agencies, including:

- Erie Insurance
- Ohio National Financial Service
- Gateway Financial Group
- Commonwealth of Pennsylvania

Actuaries progress in their career by taking professional exams:

Edinboro University will prepare you for the first two preliminary exams and an internship (often paid). Passing an exam provides evidence to employers that you are ready for employment as an actuary. Raises are often tied to exam progress and employers often provide study time and pay exam fees.

Useful online resources:

- [About Actuarial Science](#)
- [Bureau of Labor Statistics Forecasts and Descriptions](#)
- [CareerCast Job Satisfaction Ratings](#)
- [EU Department of Mathematics and Computer Science](#)
- [Edinboro University Honors Program](#)
- [Why Be an Actuary?](#)

WHY A CAREER IN ACTUARIAL SCIENCE?

Actuaries had a median income of



\$96,700

in 2016

Actuary positions are expected to grow much faster than average through 2024



Statistics according to CareerCast.com

FOR MORE INFORMATION, CONTACT:

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