What is an actuary?

Actuaries are leading professionals who manage today's complex risks by combining analytical expertise, business knowledge, and an understanding of human behavior.

Actuarial Science is an interdisciplinary field that trains students to solve problems and manage risk by applying mathematical skills, statistical methods, data science, and computing techniques in industries such as insurance, finance and pension programs.

Where do actuaries work?

Anywhere risk is present. Including:

- Insurance companies
- Private corporations
- Consultants
- Governmental agencies
- Colleges and universities
- Banks and investment firms
- Public accounting firms
- Labor unions
- Rating bureaus

How to become an actuary

To become a professional actuary, you'll need to pass a series of rigorous exams administered by professional organizations such as the Society of Actuaries (SOA) or the Casualty Actuarial Society (CAS).

Most employers prefer candidates who have already passed at least one or two exams before applying for an entry-level role. Learn more about the actuarial career path and exam process at **BeAnActuary.org**.

Ready to Discover the World of Actuarial Science?

Start your journey toward a high-demand, high-impact career today. To apply, find admission information for undergraduate, graduate, and international students at: **mtsu.edu/how-to-apply**.

Questions about applying?

Email **admissions@mtsu.edu**.

Application deadlines for admission:

- Spring semester: December 15
- Fall semester: July 1

I AM true BLUE
MIDDLE TENNESSEE STATE UNIVERSITY.

Contact
Actuarial Science Program
615-898-5566
actuary@mtsu.edu
asci.mtsu.edu

Actuarial Science

MIDDLE TENNESSEE STATE UNIVERSITY.

acsi.mtsu.edu

MTSU's Actuarial Science program is designed for students who have strong mathematical skills with an interest in applying their mathematical knowledge to insurance, finance, risk management, investments, and other areas of business.

We offer undergraduate and graduate degrees:

- B.S. in Actuarial Science
- M.S. in Professional Science with Actuarial Science concentration
- M.S. in Mathematics with Actuarial and Financial Mathematics concentration

More options:

MTSU offers undergraduate minors in several subjects to complement the Actuarial Science major.

- Data Science
- Risk Management and Insurance
- Computer Science
- Statistics

In addition, we offer a **minor in Actuarial Science** to students who are pursuing other majors.

CAE
CENTER OF ACTUARIAL EXCELLENCE
SOCIETY OF ACTUARIES

CAS University Recognition Program Gold Level

Why choose MTSU?

MTSU's Actuarial Science program is unique in the state of Tennessee for offering both undergraduate and graduate degrees and is the only program in Tennessee to receive the highly selective and prestigious **Center of Actuarial Excellence** (CAE) designation in 2024 from the Society of Actuaries.

In 2023, the program was recognized by the Casualty Actuarial Society and given Gold Level status, making MTSU's program one of only 15 Gold Level programs worldwide.

Other distinctions include:

- 2020 University Award from Casualty Actuarial Society (CAS)
- Advanced Curriculum designation on SOA list of Universities and Colleges with Actuarial Programs (UCAP)

Our program prepares students for all SOA and CAS preliminary exams, as well as courses that satisfy the requirements for the Validation by Educational Experience (VEE) component.

Scholarships

MTSU Actuarial Science students can apply for several University and departmental scholarships:

- MTSU Freshman Guaranteed Scholarships
- Buchanan Fellowship / Buchanan Transfer Fellowship
- MTSU Transfer Promise Scholarship
- Honors Transfer Fellowship
- MTSU Foundation and Departmental Scholarships

Learn more at **mtsu.edu/scholarships**.

Students studying Actuarial Science at MTSU also have opportunities to interact with industry professionals and to earn actuarial science scholarships and internships. Students in the program have received scholarships from regional actuarial societies such as Casualty Actuaries of the Southeast (CASE) and the Southeastern Actuaries Conference (SEAC).