

# BUSINESS: ACTUARIAL SCIENCE, BBA

Actuarial science involves the construction and management of insurance and pension systems using knowledge from statistics/ data science, mathematics, economics, finance, and computer science. The field of actuarial science centers on data analytics for risk assessment. The Actuarial Science (<https://wsb.wisc.edu/programs-degrees/undergraduate-bba/academics/majors/#actuarial-science>) major curriculum prepares students for careers with insurance companies, consulting firms, healthcare organizations, and government organizations. Courses offered cover the material of the preliminary examinations of the Casualty Actuarial Society and the Society of Actuaries as well as more advanced subjects such as regression analysis, health analytics, and machine learning. While it is not required for students to sit for actuarial exams, more than 90% of our students pass at least two professional exams before they graduate.

## MISSION

The actuarial science program distinguishes itself through leadership, innovation, community, connections, networks, and recognition of the quality of the faculty, the courses, and the students.

## RELATED ORGANIZATIONS

Actuarial Club (<https://www.actuarialclubuw.org/>)

Co-Curricular Learning Board (<https://wsb.wisc.edu/faculty-research/academic-departments/risk-insurance/engagement-opportunities/co-curricular-learning-board/>)