Study mathematics, statistics, finance, and data analysis.

The IU Online BS in Actuarial Science offers instruction in the key concepts of insurance, risk management, and interest theory. Solve conceptual and computational problems. Learn to price-risk to determine premiums, analyze data, determine suitable models and parameter values, and provide measures of confidence. Calculate present and accumulated values for various streams of cash flow.

Learning outcomes align with actuarial science core competencies as outlined by professional organizations such as the Society of Actuaries and the American Academy of Actuaries. This program prepares you for success in the first two professional exams in actuarial science and provides the foundation for subsequent exams.

Career Outcomes
Your IU Online BS in Actuarial Science prepares you for such careers as:

- Actuary
- Insurance analyst
- Market research analyst
- Management analyst
- Financial manager/analyst
- Actuarial consultant

Course Delivery
100% Online

Total Credit Hours
120

In-State Tuition Per Credit Hour
$320.00

Out-of-State Tuition Per Credit Hour
$450.00

Degree Requirements
To earn the degree, you must complete a minimum of 120 credit hours, including:

- Core actuarial science courses (9 credit hours)
- Core mathematics courses (31 credit hours)
- Programming/computer science courses (6 credit hours)
- Business and economics courses (15 credit hours)
- Upper-level actuarial science electives (15 credit hours)
- General education courses (as needed to total 120 credit hours)

Transfer Credits
You can transfer up to 64 credits from a regionally accredited community college or 90 credit hours from an accredited four-year university or college.