

Math + Stats + Actuarial Science

nwcsiowa.edu/math

Study options

- *Actuarial Science*
- *Biophysics*
- *Mathematics*
- *Physics Education (major/minor)*
- *Statistics*
- *Mathematics teaching (minor only)*
- *Physics (minor only)*
- *Pre-engineering (3+3 dual-degree program with Washington University, St. Louis; also carefully coordinated for ease of transfer to Iowa State University)*

Faith focus

A Christian perspective is integrated with everything at Northwestern. It's what sets us apart from other colleges and universities where faith is either on the margins or missing altogether. It's among the reasons our grads—with their Christian ethics and values—are in high demand by employers.

Expert profs + free tutoring

- 5 full-time professors with doctorates from universities that include Penn State and Royal Holloway University of London
- Personal attention and opportunities for collaborative research that could be published before you graduate
- Free tutoring by professionals and student experts available at the Peer Learning Center

Nationally ranked

Our actuarial science degree is among the nation's top 20 best-value programs. We're also 1 of just 2 Christian colleges that have met the requirements for Advanced Curriculum recognition by the Society of Actuaries.

Test success

- Our actuarial science students have typically passed 2 actuarial exams by the time they graduate. Their pass rate on Exam P is 90% and on Exam FM is 80%.
- Our grads' overall actuarial exam pass rate is 80% (compared to 50% nationally).
- Math professor Dr. Tim Huffman is the entrepreneurial developer of ADAPT, test-preparation software that is used by actuarial exam prep company Coaching Actuaries. NWC students receive reimbursement for ADAPT materials and fees for passed exams.

Career calculation

Skills in analysis, calculation, logic and problem-solving are advantageous for any job. Mathematicians work in budgeting and finance, cyber security, data analysis, research, risk assessment, software engineering and more in areas like banking, corporate industry, government, information technology, insurance, law, meteorology ... and the list goes on.

Unlimited career opportunities

Our grads are working and learning at: Baldwin & Lyons Inc., actuary ▪ Embry-Riddle's College of Security and Intelligence ▪ Nationwide Insurance ▪ Principal Financial Group ▪ Protective Insurance ▪ South Sioux City Middle School ▪ University of Rochester, economics department

Explore

If you're interested in math, statistics or actuarial science, you might also explore these areas of study:

- Accounting
- Business Administration—Finance
- Computer Science
- Economics