Actuarial Mathematics

Geneva's Actuarial Mathematics Program is based on trust; an essential workplace quality. As a student in this program, you will learn how to enhance the relationships between organizations and customers through data and statistics. Students graduate this program with the knowledge and skills needed to analyze risk data and its impact on an employer or industry. As a rapidly growing industry, more jobs are available in this field each year. Geneva students stick out by not only having the hard skills to prepare them for a thriving career and success in actuarial exams, but are also grounded in Biblical ethics that raise the standard to provide the best assessment of risk and security.

scan to learn more

Actuarial Mathematics
*Example 4-Year Plan**

YEAR 1	YEAR 2	YEAR 3	YEAR 4

Legend:
- Core
- Major
- Elective

FALL SEMESTER

YEAR 1
- **CSC 111** Intro to Eng. Computation
- **MAT 161** Calculus I
- **BIB 112** Old Testament Introduction
- **ENG 101** English Composition
- **HUM 103** Invitation to Humanities
- **SSC 101** Learning and Transition

YEAR 2
- **MAT 261** Calculus III
- **ACC 256** Managerial Accounting
- **ECO 211** Microeconomics
- **BUS 241** Business Analytics I
- **HUM 303** Perspectives

YEAR 3
- Elective
- **MAT 266** Prob & Stats II
- **MAT 307/350** Linear Algebra or Numerical Methods
- **BUS 330** Principles of Finance
- Society Group A

YEAR 4
- Elective
- Elective
- **MAT 307/350** Linear Algebra or Numerical Methods
- **ECO 311** Money, Credit & Banking
- **POL 352** Great Issues in Politics

SPRING SEMESTER

YEAR 1
- **PED 103** Physical Fitness
- **HUM 203** Making the West
- **COM 101** Principles of Communication
- **BIB 113** New Testament Introduction
- **MAT 162** Calculus II
- **ACC 151** Principles of Accounting I

YEAR 2
- **SCS 110** Intro to Natural Sciences
- **MAT 405** Differential Equations
- **MAT 265** Prob & Stats I
- **BUS 331** Investments
- **BUS 242** Business Analytics II

YEAR 3
- **BIB 300** Biblical Worldview
- **BUS 423** Quality Engineering
- **BUS 371** Operations Research
- **BUS 336** Risk Management
- **ECO 212** Macroeconmics

YEAR 4
- **MAT 430** Senior Project
- Elective
- Elective
- Elective
- Elective

*Courses listed are examples and subject to change. Your class schedule will be developed with an advisor and may differ from what is listed above.