# Geneva College Four-Year Plan

# Degree: Mathematics – Actuarial

## Start – Fall Semester Odd Years

*These plans are meant to be used as guides for planning purposes only. The Geneva College Catalog lists official requirements students must satisfy before receiving a degree. Your academic advisor will help you create a plan that matches your academic history and goals.*

rev 10/2026

## YEAR 1

| FALL | | | SPRING | | |
|---|---|---|---|---|---|
| | | Credits | | | Credits |
| CSC 111 | Intro to Eng. Computation | 3 | ACC 151 | Principles of Accounting I | 3 |
| MAT 161 | Calculus I | 4 | MAT 162 | Calculus II | 4 |
| BIB 112 | Old Testament | 3 | BIB 113 | New Testament | 3 |
| ENG 101 | English Composition | 3 | COM 101 | Principles of Communication | 3 |
| HUM 103 | Invitation to the Humanities | 3 | HUM 203 | Making the West | 3 |
| SSC 101 | Learning & Transition | 1 | PED 103 | Physical Fitness | 1 |
| **Total** | | **17** | **Total** | | **17** |

## YEAR 2

| FALL | | | SPRING | | |
|---|---|---|---|---|---|
| | | Credits | | | Credits |
| MAT 261 | Calculus III | 4 | MAT 405 | Differential Equations | 4 |
| ACC 256 | Managerial Accounting | 3 | MAT 265 | Prob & Stats | 3 |
| HUM 303 | Perspectives, Faith, Culture | 3 | BUS 331 | Investments | 3 |
| ECO 211 | Microeconomics | 3 | BUS 242 | Business Analytics II | 3 |
| BUS 241 | Business Analytics I | 3 | SCS 110 | Intro to Natural Sciences | 4 |
| | | | | | |
| **Total** | | **16** | **Total** | | **17** |

## YEAR 3

| FALL | | | SPRING | | |
|---|---|---|---|---|---|
| | | Credits | | | Credits |
| MAT 266 | Applied Probability | 3 | BIB 300 | Biblical Worldview | 3 |
| MAT 307 | Linear Algebra | 3 | ECO 212 | Macroeconomics * | 3 |
| BUS 330 | Principles of Finance | 3 | BUS 336 | Risk Management | 3 |
| Elective | | 3 | BUS 423 | Quality Engineering | 3 |
| | Society – Group A | 3 | BUS 371 | Operations Research | 3 |
| | | | | | |
| **Total** | | **15** | **Total** | | **15** |

## YEAR 4

| FALL | | | SPRING | | |
|---|---|---|---|---|---|
| | | Credits | | | Credits |
| POL 352 | Great Issues | 3 | MAT 430 | Senior Project | 1 |
| MAT 350 | Numerical Methods | 3 | Elective | | 3 |
| ECO 311 | Money, Credit & Banking** | 3 | Elective | | 3 |
| Elective | | 3 | Elective | | 3 |
| Elective | | 3 | Elective | | 3 |
| | | | | | |
| **Total** | | **15** | **Total** | | **13** |

Core

**Plan ahead. Enough electives must be taken to reach 120 credit hours.**

***Required for Actuarial Career and Economics & Finance Minor**

****Required for Economics & Finance Minor**

**Revised 01/2023**