Actuarial Math - The Actuarial Mathematics Track is designed for the student who wishes to pursue a career in the technical branches of finance or insurance.

Required courses:

Math 1910-Calculus I

Math 1920-Calculus II

Math 2010-Introduction to Linear Algebra

Math 2110-Calculus III

Math 2120-Differential Equations

Math 3810-Complex Variables

Math 3400-Introduction to Concepts of Mathematics

Math 3430-College Geometry OR Math 4410-Differential Geometry OR Math 4310-Introduction to Topology

Math 4010-Modern Algebra I

Math 4530-Linear Algebra I

Math 4470-Probability and Statistics I

Math 4110-Advanced Calculus I

Suggested courses include the required courses listed above and the following courses:

MATH 3070-3080 Statistical Methods I and II

MATH 4210-4220 Numerical Analysis I and II

MATH 4480 Probability and Statistics II

MATH 4540 Linear Algebra II

MATH 6270 Mathematical Statistics (with permission from the Graduate School).

The following courses from the College of Business (the courses marked with an asterisk comprise a Business Minor):

*ECON 2010-2020
*ACCT 3720
*BMGT 3510
*MKT 3400
*FIN 3210
*LAW 3810
FIN 3610
DS 2810, 3620