

Mathematics Minors

- Actuarial Science
- Mathematics Minor: Students must complete requirements in one of the following areas of emphasis:
 - Mathematics
 - Applied Mathematics
 - Statistics

Actuarial Science Minor

Code	Title	Credits
Supporting Courses:		25
ACCTG 201	Principles of Financial Accounting	
ECON 202	Macro Economic Analysis	
ECON 203	Micro Economic Analysis	
MATH 202	Calculus and Analytic Geometry I	
MATH 203	Calculus and Analytic Geometry II	
MATH 209	Multivariate Calculus	
MATH 260	Introductory Statistics	
Upper-Level Courses:		12
FIN 343	Corporation Finance	
MATH 306	Statistical Programming	
MATH 360	Theory of Probability	
MATH 361	Mathematical Statistics	
Total Credits		37

Mathematics

Code	Title	Credits
Supporting Courses		16
MATH 202	Calculus and Analytic Geometry I	
MATH 203	Calculus and Analytic Geometry II	
MATH 209	Multivariate Calculus	
MATH 260	Introductory Statistics	
Upper-Level Courses		10-11
MATH 314	Proofs in Number Theory and Topology	
MATH 320	Linear Algebra and Matrix Theory	
Elective Courses (choose at least 1 course of the following):		
MATH 323	Analysis	
MATH 328	Abstract Algebra	
MATH 385	Foundations of Geometry	
MATH 410	Complex Analysis	
MATH 492	Special Topics in Mathematics	
Total Credits		26-27

Applied Mathematics

Code	Title	Credits
Supporting Courses		16
MATH 202	Calculus and Analytic Geometry I	
MATH 203	Calculus and Analytic Geometry II	
MATH 209	Multivariate Calculus	
MATH 260	Introductory Statistics	
Upper-Level Courses		11

MATH 305	Ordinary Differential Equations
MATH 320	Linear Algebra and Matrix Theory
Elective Courses (choose at least 1 of the following):	
MATH 355	Applied Mathematical Optimization
MATH 410	Complex Analysis
MATH 425	Dynamical Systems
MATH 492	Special Topics in Mathematics
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Total Credits	27

Statistics

Code	Title	Credits
Supporting Courses		16
MATH 202	Calculus and Analytic Geometry I	
MATH 203	Calculus and Analytic Geometry II	
MATH 209	Multivariate Calculus	
MATH 260	Introductory Statistics	
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Upper-Level Courses		13-15
MATH 306	Statistical Programming	
MATH 320	Linear Algebra and Matrix Theory	
Elective Courses (choose at least 2 courses from the following):		
MATH 329	Applied Regression Analysis	
MATH 360	Theory of Probability	
MATH 361	Mathematical Statistics	
MATH 430	Design of Experiments	
MATH 431	Multivariate Statistical Analysis	
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Total Credits		29-31