Mathematics Minors

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

Actuarial Science Minor

Code	Title	Credits
Supporting Courses:		**26**
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:		**9**
FIN 343	Corporation Finance	
MATH 360	Theory of Probability	
MATH 361	Mathematical Statistics	
Total Credits		35

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 courses 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	
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	
Upper-Level Courses		**10-12**
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	
Total Credits		26-28