

Mathematics Minor Degree Checklist

Effective Fall 2023

Required Mathematics Courses (21 Total Credits)			
Required Courses (15 Credits Required)	Credits	Grade	Semester
Math 160 Calculus 1	4		
Math 170 Calculus 2	4		
Math 250 Discrete Mathematics	3		
Math 270 Calculus 3	4		
Elective Math (6 Credits Required)	Credits	Grade	Semester
Math 340 Linear Algebra	3		
Stat 340 Statistical Software	3		
Stat 342 Design and Analysis of Experiments	3		
Stat 343 Applied Regression Analysis	3		
Math 350 Combinatorics and Graph Theory	3		
Math 355 Coding Theory and Cryptology	3		
Math 360 Modern Geometry	3		
Math 370 Differential Equations	3		
Math 380 Number Theory	3		
Math 401 Financial Mathematics for Actuarial Science	3		
Math 402 Probability Theory for Actuarial Science	3		
Math 410 Mathematical Modeling	3		
Math 440 Theory of Computation	3		
Stat 446 Biostatistics	3		
Math 480 Abstract Algebra 1	3		
Math 482 Real Analysis	3		
Math 484 Partial Differential Equations	3		
Math 486 Complex Variables	3		
Math 488 Introduction to Topology	3		
Math 490 Abstract Algebra 2	3		
Math 492 Real Analysis 2	3		