

MATHEMATICS MAJOR

Total credits required for major - 45 to 60 credits with a minimum of 36 senior-level credits.

A minimum of six credits must be completed at the 400-level.

Note: Students majoring in Mathematics are required to complete CMPT 101 or CMPT 103.

Course ID	Course Name	Credits
Specific Major Requirements		
MATH 114	Elementary Calculus I	3
MATH 115	Elementary Calculus II	3
MATH 200	Fundamental Concepts of Math	3
MATH 214	Intermediate Calculus I	3
MATH 215	Intermediate Calculus II	3
MATH 225	Linear Algebra II	3
MATH 310	Real Analysis	3
MATH 330	Ordinary Differential Equations	3
Choose 3 credits from the following:		3
MATH 120	Basic Linear Algebra I	
MATH 125	Linear Algebra I	
Choose 3 credits from the following:		3
MATH 228	Algebra: Introduction to Ring Theory	
MATH 241	Geometry	
General Major Requirements		
Choose 15 to 30 credits from the following:		15-30
Senior-level MATH		
STAT 265	Probability Theory	
STAT 266	Mathematical Statistics	
STAT 322	Finite Markov Chains and Applications	
Total Credits		45-60