

MATHEMATICS (B.S.)

Integrative Studies Requirements

40 credits minimum

Code	Title	Credits	Completed
Major Requirements (80-88 credits)			
<i>Core Courses</i>			
MATH-141	Introductory Statistics	4	_____
MATH-181	Comp Tools for Problem Solving	4	_____
MATH-211	Calculus I	4	_____
MATH-212	Calculus II	4	_____
MATH-235	Discrete Math With Proof	4	_____
MATH-335	Linear Algebra	4	_____
MATH-341	Applied Statistics	4	_____
MATH-421	Abstract Algebra	4	_____
MATH-422	Geometry	4	_____
MATH-423	Real Analysis	4	_____
INPHYS-241	University Physics I	4	_____
Select three of the following:		12	_____
MATH-311	Vector Calculus		_____
MATH-312	Differential Equations		_____
MATH-342	Probability		_____
MATH-381	Math Modeling		_____
Select one of the following:		4	_____
ISCS-210	Python Programming		_____
IIPHYS-342	Data Analysis for Scientists		_____
Related Minor			
Minor in Biology, Chemistry, Computer Science, Data Analytics, Economics, Management, Physics or another related field approved by the Mathematics Department; the Statistics Minor cannot be used to fulfill this requirement.		20-28	_____
Total Credits		80-88	_____

Electives

Select courses to reach a total of 120 credits for the degree.

Degree Requirements

120 credits

40 credits at the upper-level