



Bachelor of Science-Mathematics

Effective Fall 2019

The Bachelor of Science-Mathematics degree requires a minimum of 120 credit hours.

Required Core Courses	
Refer to catalog for General Education Requirements	42 hours

Required Introductory Courses		
Course Number	Course	Credit Hours
MATH 2413	Calculus I (Satisfied in the Core Curriculum)	4
MATH 2414	Calculus II	4
MATH 2415	Calculus III	4
MATH 2305	Discrete Mathematics	3
MATH 2318	Linear Algebra	3
MATH 2320	Differential Equations	3
Total Number of hours		21
Mathematics Core Courses		
MATH 321	College Geometry	3
MATH 330	Math Foundations and Applications	3
MATH 334	Introduction to Abstract Algebra	3
MATH 380	Real Analysis	3
MATH 357	Probability and Statistics	3
MATH 415	Applied Numerical Analysis	3
MATH 430	Mathematical Modeling	3
MATH 437	Number Theory	3
MATH 450	Combinatorics and Graph Theory	3
MATH 493	Capstone in Mathematics	3
Total Number of hours for Mathematics Core		30

Minor Requirements	18 Hours
Minimum of 18 SCH from minors listed in catalog. Minimum of 9 SCH must be upper-division. Lower-division/upper-division SCH depends on minor chosen	

Electives	18 Hours Minimum
As needed to meet minimum degree requirements including 54 semester credits of upper division	

Total hours for B.S Mathematics Degree	125 Hours
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