

B.S. Mathematics

Program: Mathematics

Type: B.S.

Required Courses

Item #	Title	Credits
MATH 181	Calculus I	4
MATH 182	Calculus II	4
MATH 283	Calculus III	4
MATH 311	Logic and Set Theory	3
MATH 321	Differential Equations	3
MATH 361	Introduction to Linear Algebra	3
MATH 371	History of Mathematics	3
MATH 431	Abstract Algebra	3
MATH 441	Calculus-Based Probability Theory	4
MATH 471	Real Analysis	3
	Mathematics 6 Hours Upper Division Electives	6
	Sub-Total Credits	40

Required cognate: take two of the following courses:

Item #	Title	Credits
CSIS 110	Principles of Computer Programming I	3
CSIS 111	Principles of Computer Programming II	3
PHYS 121	General Physics I	4
PHYS 122	General Physics II	4
	Sub-Total Credits	14
	Total credits for degree:	54