

B.S. Mathematics Secondary Teaching Area

General Education Requirements for all Bachelor's degrees

Quality Enhancement Plan (QEP) Requirement

Teaching Certification Program

The following Mathematics major is for teaching certification only. Requirements for certification are listed in the Education section of this *Bulletin*.

You must make formal application for admittance to the Teacher Education Program. Applications are available at the Education Department office.

Content Area + Teaching Certification

Required Courses

Item #	Title	credits
MATH 141	Introduction to Probability and Statistics	3
MATH 181	Calculus I	4
MATH 182	Calculus II	4
MATH 283	Calculus III	4
MATH 211	Logic and Set Theory	3
MATH 341	Geometry	3
MATH 361	Introduction to Linear Algebra	3
MATH 431	Abstract Algebra	3
MATH 484	Mathematics Seminar	1
MATH 485	Portfolio	1
	Mathematics Secondary Teaching 6 Hours Upper Division Electives	6
	Total credits:	35

Category Descriptions

Mathematics Secondary Teaching 6 Hours Upper Division Electives

Credits: 6

Item #	Title	credits
MATH 321	Differential Equations	3
MATH 322	Partial Differential Equations	3
MATH 381	Complex Variables	3
MATH 411	Numerical Analysis with Application	3
MATH 441	Calculus-Based Probability Theory	4
MATH 442	Actuarial Exam P Preparation	3
MATH 461	Number Theory	3
MATH 471	Real Analysis	3