

B.S. Mathematics Secondary Teaching Area

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.

[General Education Requirements for all Bachelor's degrees](#)

[Quality Enhancement Plan \(QEP\) Requirement](#)

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 371	History of Mathematics	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:	38

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