

# 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
	<b>Total credits:</b>	<b>35</b>

## 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