

BACHELOR OF SCIENCE (BS) or BACHELOR OF ARTS (BA)

Major: Mathematics

Mathematics (6-12) Field Endorsement

This program will endorse an individual to teach Mathematics grades six through twelve (6-12).

- All students seeking certification in any education endorsement are required to complete the following courses listed below. EDUC 208 and EDUC 209 are prerequisite (or co-requisite) courses for all Education courses. Plan to take EDUC 208/209 during your first semester of Education coursework.
- Should a transfer student be able to document the successful completion of an introductory education course, they will receive credit for EDUC 208. The transfer student will still need to complete EDUC 209 Teacher Education Orientation and should plan to enroll in this course during the first semester in which one or more other Education courses are taken.
- All required coursework in the Education Core and Endorsements must be completed with a minimum grade of "C-" and have a minimum cumulative GPA of 2.75 to be admitted to and remain in the Teacher Education program. In order to be admitted to EDUC 410, 411, 412, 413, SPED 421 or 435 (Student Teaching), a GPA of 3.0 in the major field of study is required.
- All teacher education students must take PSYC 250 Human Growth and Development. This course can also be counted toward the general education requirements for Social Science.
- Students must complete the following coursework in addition to the General Studies requirements.

PROGRAM PREREQUISITE:			
PSYC**	250	Human Growth & Development	3

EDUCATION CORE

Course	No.	Title	Hours
EDUC **	208	Foundation and Principles of Teacher Education	2
EDUC **	209	Teacher Education Orientation & Practicum	1
EDUC **	255	Differentiated Instruction for Diverse Learners	3
EDUC *	300	Managing the Learning Environment for Effective Teaching	3
EDUC *	315	Educational Technology	3
EDUC *	317	Assessment for Student Learning	3
EDUC *	400	Professional & Collaborative Practices	3
EDUC *	411	Secondary Student Teaching	12
EDUC *	420	Student Teaching Seminar	1
SPED **	200	Introduction to Special Education	3
Education Core Total			34

SECONDARY EDUCATION OPTION

Course	No.	Title	Hours
EDUC *	309	Secondary Practicum	2
EDUC *	310	Secondary School Teaching Methods	3
EDUC *	434	Content Literacy Across the Curriculum	3
Secondary Education Option Total			8
SECONDARY EDUCATION MAJOR TOTAL			42

Mathematics (6-12) Field Endorsement

REQUIRED PROGRAM PREREQUISITES

Course	No.	Title	Hours
STAT	210	Statistics	3
Required General Studies Total			3

MATHEMATICS CORE REQUIREMENTS

MATH	225	Calculus with Analytic Geometry I	5
MATH	226	Calculus with Analytic Geometry II	5
MATH	230	Foundations of Mathematical Thought	3
MATH	306	Modern Algebra	3

MATH	327	Calculus with Analytic Geometry III	3
MATH	418	Linear Algebra	3
MATH	490	Seminar in Mathematics	1
Mathematics Core Total			23
MATHEMATICS FIELD ENDORSEMENT REQUIREMENTS			
MATH	114	Trigonometry	3
MATH	304	Modern Geometry	3
MATH	404	Mathematical Modeling	3
MATH	430	Discrete Structures	3
STAT	440	Advanced Statistics	3
Mathematics Field Endorsement Requirements Total			38
FIELD ENDORSEMENT TOTAL			80

* Courses marked with an asterisk require admission to Teacher Education.

** Students must complete these courses prior to admission to Teacher Education.