

College of Health & Sciences

2024-2025 Mathematics - Teacher Certification Degree Plan

FIRST YEAR - FRESHMAN

<u>Fall Semester</u>		<u>Spring Semester</u>	
UNIV	1001 * Freshman Seminar (Information Literacy)	ENG	1213 * Freshman Composition II
ENG	1113 * Freshman Composition I (Communication)		---3 * <i>Cultural and Aesthetic Awareness**</i>
MATH	1513 * College Algebra (Critical Thinking)	CMPS	1113 * Computer Programming I
PS	1113 * United States Government	PSYCH	1113 * General Psychology
COMM	1113 * Fundamentals of Human Communication	MATH	2825 Calculus & Analytic Geometry I
MATH	1713 Trigonometry		
16 TOTAL HOURS		17 TOTAL HOURS	

SECOND YEAR - SOPHOMORE

<u>Fall Semester</u>		<u>Spring Semester</u>	
----	1-14 * <i>Nature and Science**</i>	EDUC	2012 Diversity in American Education
	---3 * <i>Cultural and Aesthetic Awareness**</i>	EDUC	2631 Foundations of Ed Tech
MATH	3025 Calculus & Analytic Geometry II	EDUC	2211 Field Experience I
EDUC	2402 Survey of Exceptional Children (Global Citizenship)	MATH	3093 Intro-Theorem Proving/Number Theory
	---2 Elective*** (2 hours) <i>(Language RECOMMENDED)</i>	MATH	3713 Linear Algebra OR
		HIST	24-3 * United States History Survey **
		MATH	3033 Calculus & Analytic Geometry III
		----	---3/4 * <i>Nature and Science**</i>
16 TOTAL HOURS		16-17 TOTAL HOURS	

THIRD YEAR - JUNIOR

<u>Fall Semester</u>		<u>Spring Semester</u>	
MATH	3213 College Geometry OR MATH 3813-Modern Algebra	EDPSY	3513 Educational Psychology
PSYCH	3463 Child & Adolescent Psychology	EDUC	3001 Field Experience II
MATH	1223 Intro to Probability & Statistics	MATH	3713 Linear Algebra OR
MATH	4915 Meth Teach Sec Math OR	HIST	24-3 * United States History Survey **
MATH	---3 Required MATH Elective 3000-4000 level	MATH	---3 Required MATH Elective 3000-4000 level
		CPSMA	3913 Discrete Mathematics
			---3 Elective
12-14 TOTAL HOURS		16 TOTAL HOURS	

FOURTH YEAR - SENIOR

<u>Fall Semester</u>		<u>Spring Semester</u>	
MATH	3213 College Geometry OR MATH 3813-Modern Algebra	EDUC	4262 Student Teaching Seminar I
EDUC	4052 Effective Teaching for Secondary Education	EDUC	4282 Student Teaching Seminar II
EDUC	4611 Field Experience III	EDUC	4974 Supervised Student Teaching
EDUC	4632 Ed Tech Integration Strategies	EDUC	4974 Supervised Student Teaching
MATH	4923 Perspectives in Mathematics		
MATH	---3 Required MATH Elective 3000-4000 level OR MATH 4915-Meth Tch Sec Math		
14-16 TOTAL HOURS		12 TOTAL HOURS	

TOTAL DEGREE PLAN HOURS 120

*Denotes General Education Requirement

**See current catalog "General Education Requirements" for selection

***Electives (2-8 hours)