

# 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)	CMPSC	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) (Language RECOMMENDED)	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 <u>OR</u>	EDPSY	3513 Educational Psychology
	MATH 3813-Modern Algebra	EDUC	3001 Field Experience II
PSYCH	3463 Child & Adolescent Psychology	MATH	3713 Linear Algebra OR
MATH	1223 Intro to Probability & Statistics	HIST	24-3 * United States History Survey **
MATH	4915 Meth Teach Sec Math <u>OR</u>	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 <u>OR</u>	EDUC	4262 Student Teaching Seminar I
	MATH 3813-Modern Algebra	EDUC	4282 Student Teaching Seminar II
EDUC	4052 Effective Teaching for Secondary Education	EDUC	4974 Supervised Student Teaching
EDUC	4611 Field Experience III	EDUC	4974 Supervised Student Teaching
EDUC	4632 Ed Tech Integration Strategies		
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)