

College of Health & Sciences

2023-2024 Mathematics - Teacher Certification Degree Plan

FIRST YEAR - FRESHMAN

Fall Semester

UNIV	1001	* Freshman Seminar(Information Literacy)
ENG	1113	* Freshman Composition I(Communication)
MATH	1513	* College Algebra(Critical Thinking)
PS	1113	* United States Government
COMM	1113	* Fundamentals of Human Communication
MATH	1713	Trigonometry

Spring Semester

ENG	1213	* Freshman Composition II
	---	3 * <i>Cultural and Aesthetic Awareness**</i>
CMPS	1113	* Computer Programming I
PSYCH	1113	* General Psychology
MATH	2825	Calculus & Analytic Geometry I

16 TOTAL HOURS

17 TOTAL HOURS

SECOND YEAR - SOPHOMORE

Fall Semester

----	1-14	* <i>Nature and Science**</i>
	---	3 * <i>Cultural and Aesthetic Awareness**</i>
MATH	3025	Calculus & Analytic Geometry II
EDUC	2402	Survey of Exceptional Children (Global Citizenship)
	---	2 Elective*** (2 hours) <i>(Language RECOMMENDED)</i>

Spring Semester

EDUC	2012	Diversity in American Education
EDUC	2631	Foundations of Ed Tech
EDUC	2211	Field Experience I
MATH	3093	Intro-Theorem Proving/Number Theory
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

Fall Semester

MATH	3213	College Geometry OR
		MATH 3813-Modern Algebra
PSYCH	3463	Child & Adolescent Psychology
MATH	1223	Intro to Probability & Statistics
MATH	4915	Meth Teach Sec Math OR
MATH	---	Required MATH Elective 3000-4000 level

Spring Semester

EDPSY	3513	Educational Psychology
EDUC	3001	Field Experience II
MATH	3713	Linear Algebra OR
HIST	24-3	* United States History Survey **
MATH	---	3 Required MATH Elective 3000-4000 leve
CPSMA	3913	Discrete Mathematics
	---	3 Elective

12-14 TOTAL HOURS

16 TOTAL HOURS

FOURTH YEAR - SENIOR

Fall Semester

MATH	3213	College Geometry OR
		MATH 3813-Modern Algebra
EDUC	4052	Effective Teaching for Secondary Education
EDUC	4611	Field Experience III
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

Spring Semester

EDUC	4262	Student Teaching Seminar I
EDUC	4282	Student Teaching Seminar II
EDUC	4974	Supervised Student Teaching
EDUC	4974	Supervised Student Teaching

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)