

# COLLEGE OF HEALTH AND SCIENCE

## MATHEMATICS TEACHER CERTIFICATION

### DEGREE PLAN

#### 2025-2026

#### FIRST YEAR- FRESHMAN (33-HRS)

##### Fall Semester

ENG 1113	* Freshman Composition I
COMM 1113	* Fundamentals of Human Comm
PS 1113	* US Government
MATH 1513	* College Algebra
MATH 1713	Trigonometry
UNIV 1001	* Tiger Connect

**16 TOTAL HOURS**

##### Spring Semester

ENG 1213	* Freshman Composition II
MATH 2825	Calculus and Analytical Geom I
CMPSC 1113	Computer Programming I
PSYCH 1113	*General Psychology
GE xxx3	* Cultural & Aesth Awareness

**17 TOTAL HOURS**

#### SECOND YEAR-SOPHOMORE (33-HRS)

##### Fall Semester

MATH 3025	Calculus and Analytical Geom II
EDUC 2402	Survey of Exceptional Children
GE xxx4	Nature and Science
GE xxx3	Cultural & Aesth Awareness
xxx3	Elective

**17 TOTAL HOURS**

##### Spring Semester

MATH 3033	Calculus and Analytical Geom III
EDUC 2012	Diversity in American Education
EDUC 2631	Foundations of Ed Tech
EDUC 2211	Field Experience I
GE xxx3	Nature and Science
MATH 3093	Intro Theorem Prov & Num Th OR
MATH xxx3	Upper Level Elective
MATH 3713	Linear Algebra OR
GE xxx3	Civic Consciousness

**16 TOTAL HOURS**

#### THIRD YEAR - JUNIOR (30/31-HRS)

##### Fall Semester

PSYCH 3463	Child & Adolescent Psychology
MATH 1223	Intro to Probability and Statistics
MATH 4923	Perspectives in Mathematics OR
xxx3	Elective
MATH 3213	College Geometry OR
MATH 3813	Modern Algebra
MATH 3263	Meth of Teach Mid-Level Math OR
MATH 4922	Meth of Teach Secondary Math

**14-15 TOTAL HOURS**

##### Spring Semester

EDPSY 3513	Educational Psychology
EDUC 3001	Field Experience II
CPSMA 3913	Discrete Mathematics
MATH 3093	Intro Theorem Prov & Num Th OR
MATH xxx3	Upper Level Elective
MATH 3713	Linear Algebra OR
GE xxx3	Civic Consciousness
xxx3	Elective

**16 TOTAL HOURS**

#### FOURTH YEAR - SENIOR (25/26-HRS)

##### Fall Semester

EDUC 4052	Effective Teaching for Sec Ed
EDUC 4611	Field Experience III
EDUC 4632	Ed Tech Integration Strategies
MATH 4923	Perspectives in Mathematics OR
xxx3	Elective
MATH 3213	College Geometry OR
MATH 3813	Modern Algebra
MATH 3263	Meth of Teach Mid-Level Math OR
MATH 4922	Meth of Teach Secondary Math

**13-14 TOTAL HOURS**

##### Spring Semester

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

**12 TOTAL HOURS**

**Legend:** \*General Education Requirements