

# COLLEGE OF HEALTH AND SCIENCE

## MATHEMATICS GENERAL DEGREE PLAN

### 2025-2026

#### FIRST YEAR- FRESHMAN (31-HRS)

##### Fall Semester

ENG	1113	* Freshman Composition I
GE	xxx3	* Civic Consciousness
GE	xxx3	* Cult.& Aesth. Awareness
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
GE	xxx3	* Civic Consciousness
GE	xxx4	* Nature and Science (Lab)

**15 TOTAL HOURS**

#### SECOND YEAR-SOPHOMORE (30-HRS)

##### Fall Semester

MATH	3025	Calculus and Analytical Geom II
MATH	1223	Intro to Probability and Statistics
CMPS	1113	* Computer Programming I
GE	xxx3	* Cult & Aesth Awareness

**14 TOTAL HOURS**

##### Spring Semester

MATH	3033	Calculus and Analytical Geom III
MATH	3093	Intro to Theorem Proving
GE	xxx4	* Nature and Science (3-4 hours)
GE	xxx3	* Gen Ed Elective
	xxx3	Elective

**15-16 TOTAL HOURS**

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

##### Fall Semester

MATH	4113	Differential Equations OR
MATH	4923	Perspectives in Mathematics
MATH	3813	Modern Algebra OR
MATH	xxx3	Upper level Elective
GE	xxx3	* Gen Ed Elective
	xxx3	Elective
	xxx3	Elective

**14-15 TOTAL HOURS**

##### Spring Semester

MATH	4133	Real Analysis OR
MATH	3713	Linear Algebra
MATH	xxx3	Upper level Elective
	xxx3	Elective
	xxx3	Elective
	xxx3	Elective

**15 TOTAL HOURS**

#### FOURTH YEAR - SENIOR (30-HRS)

##### Fall Semester

MATH	4113	Differential Equations OR
MATH	4923	Perspectives in Mathematics
MATH	3813	Modern Algebra OR
MATH	xxx3	Upper level Elective
	xxx3	Elective
	xxx3	Elective
	xxx3	Elective

**15 TOTAL HOURS**

##### Spring Semester

MATH	4133	Real Analysis OR
MATH	3713	Linear Algebra
MATH	xxx3	Upper level Elective
MATH	xxx3	Upper level Elective
	xxx3	Elective
	xxx3	Elective

**15 TOTAL HOURS**

**Legend:** \*General Education Requirements