

COLLEGE OF HEALTH AND SCIENCE

MATHEMATICS GENERAL DEGREE PLAN

2026-2027

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