

College of Health & Sciences

2019-2020 Mathematics - General Degree Plan

FIRST YEAR - FRESHMAN

<u>Fall Semester</u>	<u>Spring Semester</u>
UNIV 1001 * Freshman Seminar	ENG 1213 * Freshman Composition II
ENG 1113 * Freshman Composition I	CMPSC 1113 * Computer Programming I
KIN 2122 * Wellness Or Basic Nutrition HHFS 1513	1-14 * Physical Science**
PS 1113 * United States Government	MATH 2825 Calculus & Analytic Geometry I
MATH 1513 * College Algebra	
MATH 1713 Trigonometry	

15 or 16 TOTAL HOURS

15 TOTAL HOURS

SECOND YEAR - SOPHOMORE

<u>Fall Semester</u>	<u>Spring Semester</u>
---3 * Humanities-Western Civilization**	BIOL 1-14 * Life Science**
---3 * Communication **(Speech OR Language)	---3 * Humanities-Cultural/Human Diversity**
---3 * Social Sciences**	HIST 24-3 * United States History Survey**
MATH 1223 Intro to Probability & Statistics	MATH 3033 Calculus & Analytic Geometry III
MATH 3025 Calculus & Analytic Geometry II	MATH 3093 Intro Theorem Proving & Number Theory

17 TOTAL HOURS

16 TOTAL HOURS

THIRD YEAR - JUNIOR

<u>Fall Semester</u>	<u>Spring Semester</u>
---3 * Humanities & Social Sciences**	Choose one ---3 MATH 3713 Linear Algebra OR
Choose one ---3 MATH 3813 Modern Algebra OR	MATH 4133 Intermediate Analysis
3 hr Required MATH Elective 3000-4000 level	MATH ---3 Required MATH Elective 3000-4000 Level
MATH 4113 Differential Equations	---9 Electives*** (9 hours)
---7 Electives*** (7 hours)	

16 TOTAL HOURS

15 TOTAL HOURS

FOURTH YEAR - SENIOR

<u>Fall Semester</u>	<u>Spring Semester</u>
MATH 4923 Perspectives in Mathematics	MATH ---3 Required Elective 3000-4000 Level
Choose one ---3 MATH 3813 Modern Algebra OR	Choose one ---3 MATH 3713 Linear Algebra OR
3 hr Required Math Elective 3000-4000 level	MATH 4133 Intermediate Analysis
---9 Electives*** (9 hours)	MATH ---3 Required MATH Elective 3000-4000 level
	---6 Electives*** (6 hours)

15 TOTAL HOURS

15 TOTAL HOURS

TOTAL DEGREE PLAN HOURS 124

*General Education Requirement

**See current catalog "General Education Requirements" for selection

***Minor (not required)/ Electives 31-37 hours