

College of Health & Sciences

2022-2023 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