

# 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	CMPS 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**

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### 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 <b>OR</b>
Choose one ---3 MATH 3813 Modern Algebra <b>OR</b>	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 <b>OR</b>	Choose one ---3 MATH 3713 Linear Algebra <b>OR</b>
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**

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**TOTAL DEGREE PLAN HOURS 124**

\*General Education Requirement

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

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