

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 Nutrition FCS 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
Choose one	---3	MATH 3813 Modern Algebra			MATH 4133 Intermediate Analysis
		Required Elective 3000-4000 Level	MATH	---3	Required Elective 3000-4000 Level
MATH	4113	Differential Equations	Choose one	---3	MATH 4223 Intro to Point Set Topology
	---7	Elective*** (7 hours)			Elective*** (3 hours)
				---6	Elective*** (6 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	Choose one	---3	MATH 3713 Linear Algebra
		Required Elective 3000-4000 Level			MATH 4133 Intermediate Analysis
	---9	Elective*** (9 hours)	Choose one	---3	MATH 4223 Intro to Point Set Topology
					Elective*** (3 hours)
				---6	Elective*** (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