

College of Health & Sciences

2020-2021 Mathematics - Teacher Certification 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		---3 * Humanities-Western Civilization**
MATH	1513 * College Algebra	CMPS	1113 * Computer Programming I
PS	1113 * United States Government	PSYCH	1113 * General Psychology
COMM	1113 * Fundamentals of Human Communication	MATH	2825 Calculus & Analytic Geometry I
MATH	1713 Trigonometry		

16 TOTAL HOURS

17 TOTAL HOURS

SECOND YEAR - SOPHOMORE

<u>Fall Semester</u>		<u>Spring Semester</u>	
BIOL	1-14 * Life Science**	EDUC	2012 Foundations of Education
KIN	2123 * Wellness OR Basic Nutrition HHFS 1513	EDUC	2631 Foundations of Ed Tech
	---3 * Humanities-Cultural/Human Diversity**	EDUC	2211 Field Experience I
MATH	3025 Calculus & Analytic Geometry II	MATH	3093 Intro-Theorem Proving/Number Theory
EDUC	2402 Survey of Exceptional Children	MATH	3713 Linear Algebra OR
			* HIST 24-3United States History Survey **
		MATH	3033 Calculus & Analytic Geometry III
			1-14 * Physical Science**

17 TOTAL HOURS

17 TOTAL HOURS

THIRD YEAR - JUNIOR

<u>Fall Semester</u>		<u>Spring Semester</u>	
MATH	3213 College Geometry OR	EDPSY	3513 Educational Psychology
	MATH 3813-Modern Algebra	EDUC	3001 Field Experience II
PSYCH	3463 Child & Adolescent Psychology	MATH	3713 Linear Algebra OR
MATH	1223 Intro to Probability & Statistics		* HIST 24-3United States History Survey **
MATH	4915 Meth Teach Sec Math OR	MATH	4133 Intermediate Analysis
	Required MATH Elective 3000-4000 level		---3 * Humanities & Social Sciences**
	---3 Elective*** (3 hours)		---1 Elective*** (1 hour)
	(Language RECOMMENDED)	CPSMA	3913 Discrete Mathematics

15-17 TOTAL HOURS

17 TOTAL HOURS

FOURTH YEAR - SENIOR

<u>Fall Semester</u>		<u>Spring Semester</u>	
MATH	3213 College Geometry OR	EDUC	4262 Student Teaching Seminar I
	MATH 3813-Modern Algebra	EDUC	4282 Student Teaching Seminar II
EDUC	4042 Strategies for Effective Teaching	EDUC	4974 Supervised Student Teaching
EDUC	4611 Field Experience III	EDUC	4974 Supervised Student Teaching
EDUC	4632 Ed Tech Integration Strategies		
MATH	4923 Perspectives in Mathematics		
MATH	---3 Required MATH Elective 3000-4000 level OR		
	MATH 4915-Meth Tch Sec Math		

14-16 TOTAL HOURS

12 TOTAL HOURS

TOTAL DEGREE PLAN HOURS 126

*Denotes General Education Requirement

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

***Electives (4-10 hours)