

College of Health & Sciences

2016-2017 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 2122 * Wellness OR Nutrition FCS 1513	EDUC 2211 Field Experience I
---3 * Humanities-Cultural/Human Diversity**	EDUC 2402 Survey of Exceptional Children
MATH 3025 Calculus & Analytic Geometry II	HIST 24-3 * United States History Survey **
---3 * Humanities & Social Sciences**	MATH 3033 Calculus & Analytic Geometry III
	1-14 * Physical Science**

17 or 18 TOTAL HOURS

15 TOTAL HOURS

THIRD YEAR - JUNIOR

<u>Fall Semester</u>	<u>Spring Semester</u>
MATH 3713 Linear Algebra <i>(if not taken this semester choose 3 hours of electives***)</i>	EDPSY 3513 Educational Psychology
PSYCH 3463 Child & Adolescent Psychology	EDUC 3001 Field Experience II
MATH 2213 Intro to Probability & Statistics	EDUC 4632 Educational Technology
MATH 3093 Intro-Theorem Proving/Number Theory	MATH 3813 Modern Algebra
MATH 4913 Meth Teach Sec Math OR MATH---3 Req Elec 3000-4000 level	MATH ---3 Required Elective 3000-4000 level
	MATH 3213 College Geometry

15 TOTAL HOURS

15 TOTAL HOURS

FOURTH YEAR - SENIOR

<u>Fall Semester</u>	<u>Spring Semester</u>
---4 Elective*** (4 hours) (Language RECOMMENDED)	EDUC 4262 Student Teaching Seminar
EDUC 4043 Strategies for Effective Teaching	EDUC 4975 Supervised Student Teaching
EDUC 4611 Field Experience III	EDUC 4975 Supervised Student Teaching
MATH 4923 Perspectives in Mathematics	
MATH ---3 Required Elective 3000-4000 level OR MATH 4913 Meth Tch Sec Math	
MATH 3713 Linear Algebra <i>(if taken previous fall choose 3 hours of electives***)</i>	

17 TOTAL HOURS

12 TOTAL HOURS

TOTAL DEGREE PLAN HOURS 124

*Denotes General Education Requirement

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

***Electives (7-13 hours)