

College of Health & Sciences

2021-2022 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 Diversity in American 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) |
| | <i>(Language RECOMMENDED)</i> | | |

15-17 TOTAL HOURS

14 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)