# College of Health & Sciences
## 2017-2018 Mathematics - Teacher Certification Degree Plan

### FIRST YEAR - FRESHMAN

| **Fall Semester** | | | | **Spring Semester** | | | |
|---|---|---|---|---|---|---|---|
| UNIV | 1001 | * | Freshman Seminar | ENG | 1213 | * | Freshman Composition II |
| ENG | 1113 | * | Freshman Composition I | | ---3 | * | Humanities-Western Civilization** |
| MATH | 1513 | * | College Algebra | CMPSC | 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

| **Fall Semester** | | | | **Spring Semester** | | | |
|---|---|---|---|---|---|---|---|
| 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

| **Fall Semester** | | | **Spring Semester** | | |
|---|---|---|---|---|---|
| MATH | 3713 | Linear Algebra | EDPSY | 3513 | Educational Psychology |
| | | *(if not taken this semester choose 3 hours of electives***)* | | | |
| 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 | 4223 | Intro to Point Set Topology |
| | | MATH---3 Req Elec 3000-4000 level | MATH | 3213 | College Geometry |

**15 TOTAL HOURS**         **15 TOTAL HOURS**

### FOURTH YEAR - SENIOR

| **Fall Semester** | | | **Spring Semester** | | |
|---|---|---|---|---|---|
| | ---4 | Elective*** (4 hours) | EDUC | 4262 | Student Teaching Seminar |
| | | (Language RECOMMENDED) | | | |
| 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 | | | |
| | | *(if taken previous fall choose 3 hours of electives***)* | | | |

**17 TOTAL HOURS**         **12 TOTAL HOURS**

## TOTAL DEGREE PLAN HOURS 124

*Denotes General Education Requirement      **See current catalog "General Education Requirements" for selection      ***Electives (4-10 hours)