

College of Health & Sciences

2020-2021 Physics - 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 | CHEM 1114 * General Chemistry I |
| GEOG 1214 Earth Science | COMM 1113 * Fundamentals of Human Communication |
| MATH 1513 * College Algebra | MATH 2825 Calculus & Analytical Geometry I |
| MATH 1713 Trigonometry | KIN 2122 * Wellness or Basic Nutrition HHFS 1513 |
| HIST 24-3 * United States History Survey** | |
| 17 TOTAL HOURS | 17-18 TOTAL HOURS |

SECOND YEAR - SOPHOMORE

| <u>Fall Semester</u> | <u>Spring Semester</u> |
|---|---|
| MATH 3025 Calculus & Analytic Geometry II | PHYS 2225 Engineering Physics II |
| PHYS 2115 Engineering Physics I | PSYCH 1113 * General Psychology |
| ---3 * Humanities-Western Civilization** | ---3 * Humanities-Cultural/ Human Diversity** |
| CHEM 1214 Chemistry II | EDUC 2402 Survey of Exceptional Children |
| | ---3 * Humanities & Social Sciences** |
| 17 TOTAL HOURS | 16 TOTAL HOURS |

THIRD YEAR - JUNIOR

| <u>Fall Semester</u> | <u>Spring Semester</u> |
|---|--|
| PSYCH 3463 Child & Adolescent Psychology | EDUC 3001 Field Experience II |
| EDUC 2012 Foundations of Education | EDPSY 3513 Educational Psychology |
| EDUC 2211 Field Experience I | PHYS 3113 Mechanics I |
| EDUC 2631 Foundations of Ed Tech | ---3 * Communication (Language)** |
| PHYS 3412 Junior Physics Laboratory | PS 1113 * United States Government |
| PHYS 3013 Modern Physics | ---3 { Required Physics Elective |
| PHYS 1314 Astronomy | NOT PHYS 3222 or 4222) |
| ---3 Chemistry Elective (3 hours) | |
| 18 TOTAL HOURS | 16 TOTAL HOURS |

FOURTH YEAR - SENIOR

| <u>Fall Semester</u> | <u>Spring Semester</u> |
|---|--|
| EDUC 4042 Strategies for Effective Teaching | EDUC 4262 Student Teaching Seminar I |
| EDUC 4611 Field Experience III | EDUC 4282 Student Teaching Seminar II |
| EDUC 4632 Ed Tech Integration Strategies | EDUC 4974 Supervised Student Teaching |
| PHYS 4113 Electricity & Magnetism- Field Theory | EDUC 4974 Supervised Student Teaching |
| B/C/P 4113 Methods Teach Biological/Physical Sciences | |
| ---4 Chemistry Elective (4 hours) | |
| BIOL 1-14 * General Botany or General Zoology | |
| 19 TOTAL HOURS | 12 TOTAL HOURS |

TOTAL DEGREE PLAN HOURS 126-132

*Denotes General Education Requirement

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

Taked bolded courses together