

# College of Health & Sciences

## 2019-2020 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**	
<b>17 TOTAL HOURS</b>	<b>17-18 TOTAL HOURS</b>

### 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**
<b>17 TOTAL HOURS</b>	<b>16 TOTAL HOURS</b>

### THIRD YEAR - JUNIOR

<u>Fall Semester</u>	<u>Spring Semester</u>
PSYCH 3463 Child & Adolescent Psychology	EDUC 3001 <b>Field Experience II</b>
<b>EDUC 2012 Foundations of Education</b>	EDPSY 3513 <b>Educational Psychology</b>
<b>EDUC 2211 Field Experience I</b>	PHYS 3113 Mechanics I
<b>EDUC 2631 Foundations of Ed Tech</b>	---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)	
<b>18 TOTAL HOURS</b>	<b>16 TOTAL HOURS</b>

### FOURTH YEAR - SENIOR

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

### TOTAL DEGREE PLAN HOURS 126-132

\*Denotes General Education Requirement

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

**Taked bolded courses together**