

# College of Health & Sciences

## 2021-2022 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	<b>3001</b>	<b>Field Experience II</b>
EDUC	<b>2012</b>	<b>Foundations of Education</b>	EDPSY	<b>3513</b>	<b>Educational Psychology</b>
EDUC	<b>2211</b>	<b>Field Experience I</b>	PHYS	3113	Mechanics I
EDUC	<b>2631</b>	<b>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 { NOT PHYS 3222 or 4222)
PHYS	1314	Astronomy			
	---3	Chemistry Elective (3 hours)			

**18 TOTAL HOURS**

**16 TOTAL HOURS**

### FOURTH YEAR - SENIOR

<u>Fall Semester</u>			<u>Spring Semester</u>		
EDUC	<b>4042</b>	<b>Strategies for Effective Teaching</b>	EDUC	<b>4262</b>	<b>Student Teaching Seminar I</b>
EDUC	<b>4611</b>	<b>Field Experience III</b>	EDUC	<b>4282</b>	<b>Student Teaching Seminar II</b>
EDUC	<b>4632</b>	<b>Ed Tech Integration Strategies</b>	EDUC	<b>4974</b>	<b>Supervised Student Teaching</b>
PHYS	4113	Electricity & Magnetism- Field Theory	EDUC	<b>4974</b>	<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			

**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**