

# College of Health & Sciences

## 2019-2020 Chemistry - 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	HIST	24-3 * United States History Survey**
COMM	1113 * Fundamentals of Speech	GEOG	1214 Earth Science
MATH	1513 * College Algebra OR MATH 2825 Calculus and Analytic Geometry I	---	3 * Humanities & Social Sciences**
PSYCH	1113 * General Psychology	CHEM	1114 * General Chemistry I
BIOL	1314 General Zoology		
<b>17-19 TOTAL HOURS</b>		<b>17 TOTAL HOURS</b>	

### SECOND YEAR - SOPHOMORE

<u>#REF! Semester</u>		<u>Spring Semester</u>	
PS	1113 * United States Government	BIOL	1114 * General Biology
<b>EDUC</b>	<b>2012 Foundations of Education</b>	EDUC	2402 Survey of Exceptional Children
<b>EDUC</b>	<b>2211 Field Experience I</b>	PHYS	1214 General Physics II
<b>EDUC</b>	<b>2631 Foundations of Ed Tech</b>	---	3 * Humanities- Western Civilization**
PHYS	1114 General Physics I	CHEM	3114 Organic Chemistry I
---	3 * Communication (Language)**		
CHEM	1214 General Chemistry II		
<b>18 TOTAL HOURS</b>		<b>17 TOTAL HOURS</b>	

### THIRD YEAR - JUNIOR

<u>Fall Semester</u>		<u>Spring Semester</u>	
---	3 * Humanities-Cultural/Human Diversity	PSYCH	3463 Child & Adolescent Psychology
BIOL	2184 Human Anatomy	BIOL	3634 Human Physiology
<b>EDPSY</b>	<b>3513 Educational Psychology</b>	CHEM	3214 Quantitative Analysis I
<b>EDUC</b>	<b>3001 Field Experience II</b>	CHEM	---4 Required Chemistry Elective (CHEM 4514^ or 4414^^ recommended)
CHEM	4114 Organic Chemistry II	KIN	2122 * Wellness or Nutrition FCS 1513
<b>15 TOTAL HOURS</b>		<b>17 or 18 TOTAL HOURS</b>	

### FOURTH YEAR - SENIOR

<u>Fall Semester</u>		<u>Spring Semester</u>	
CHEM	---3 Required Chemistry Elective (CHEM 4213^^^ recommended)	<b>EDUC</b>	<b>4262 Student Teaching Seminar I</b>
<b>EDUC</b>	<b>4611 Field Experience III</b>	<b>EDUC</b>	<b>4282 Student Teaching Seminar II</b>
<b>EDUC</b>	<b>4042 Strategies for Effective Teaching</b>	<b>EDUC</b>	<b>4974 Student Teaching</b>
<b>EDUC</b>	<b>4632 Ed Tech Integration Strategies</b>	<b>EDUC</b>	<b>4974 Student Teaching</b>
B/C/P	4113 Methods Teach Biological/Physical Sciences		
PHYS	1314 Astronomy		
<b>15 TOTAL HOURS</b>		<b>12 TOTAL HOURS</b>	

### TOTAL DEGREE PLAN HOURS 128-130

\*Denotes General Education Requirement

spring semester odd years; ^^Offered every fall semester

r to take required electives in the semester offered - junior or senior years

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

**Take bolded classes together.**