

# College of Health & Sciences

## 2022-2023 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<br>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 2012 Foundations of Education</b> | EDUC 2402 Survey of Exceptional Children  |
| <b>EDUC 2211 Field Experience I</b>       | PHYS 1214 General Physics II              |
| <b>EDUC 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 3513 Educational Psychology</b>   | PHYS 1314 Astronomy   |
| <b>EDUC 3001 Field Experience II</b>       | CHEM ---4 Required Chemistry Electives<br>(CHEM 4514^ or 4413^^ and 4421^^ recommended) |
| CHEM 4114 Organic Chemistry II             | KIN 2122 * Wellness or Basic Nutrition HHFS 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<br>(CHEM 4213^^^ recommended) | <b>EDUC 4262 Student Teaching Seminar I</b>  |
| <b>EDUC 4611 Field Experience III</b>                               | <b>EDUC 4282 Student Teaching Seminar II</b> |
| <b>EDUC 4042 Strategies for Effective Teaching</b>                  | <b>EDUC 4974 Student Teaching</b>            |
| <b>EDUC 4632 Ed Tech Integration Strategies</b>                     | <b>EDUC 4974 Student Teaching</b>            |
| B/C/P 4113 Methods Teach Biological/Physical Sciences               |  |
| CHEM 3214 Quantitative Analysis I                                   |  |

**15 TOTAL HOURS**

**12 TOTAL HOURS**

**TOTAL DEGREE PLAN HOURS 128-130**

\*Denotes General Education Requirement

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

spring semester odd years; ^^Offered every fall semester

**Take bolded classes together.**

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