

## East Central University

CHS

### 2024-2025 Chemistry Teacher Certification Degree Plan

| <b>FIRST YEAR</b>  |   |
|--|---|
| <p style="text-align: center;"><b>Fall Semester</b></p> <p>UNIV 1001 Tiger Connect<br/>           ENG 1113 Freshman Composition I<br/>           COMM 1113 Fundamentals of Human Communication<br/>           MATH 1513 College Algebra<br/>           OR MATH 2825 Calculus and Analytic Geometry I<br/>           PSYCH 1113 General Psychology<br/>           BIOL 1114 General Biology<br/> <b>17-19 TOTAL HOURS</b></p>   | <p style="text-align: center;"><b>Spring Semester</b></p> <p>ENG 1213 Freshman Composition II<br/>           HIST 24-3 United States History Survey<br/>           GEOG 1214 Earth Science<br/>           General Education Cultural and Aesthetic Awareness (3 hours)<br/>           CHEM 1114 General Chemistry I<br/> <b>17 TOTAL HOURS</b></p>                        |
| <b>SECOND YEAR</b>   |   |
| <p style="text-align: center;"><b>Fall Semester</b></p> <p>PS 1113 United States Government<br/> <b>EDUC 2012 Foundations of Education</b><br/> <b>EDUC 2211 Field Experience I</b><br/> <b>EDUC 2631 Foundations of Ed Tech</b><br/>           PHYS 1114 General Physics I<br/>           CHEM 1214 General Chemistry II<br/>           Language course (3 hours)<br/> <b>18 TOTAL HOURS</b></p>  | <p style="text-align: center;"><b>Spring Semester</b></p> <p>BIOL 1314 General Zoology<br/>           EDUC 2402 Survey of Exceptional Children<br/>           PHYS 1214 General Physics II<br/>           General Education Cultural and Aesthetic Awareness (3 hours)<br/>           CHEM 3114 Organic Chemistry I<br/> <b>17 TOTAL HOURS</b></p>                        |
| <b>THIRD YEAR</b>  |   |
| <p style="text-align: center;"><b>Fall Semester</b></p> <p>General Education Elective (select for Intercultural Knowledge or Global Citizenship if not yet met)<br/>           BIOL 2184 Human Anatomy<br/> <b>EDPSY 3513 Educational Psychology</b><br/> <b>EDUC 3001 Field Experience II</b><br/>           CHEM 4114 Organic Chemistry II<br/> <b>15 TOTAL HOURS</b></p>  | <p style="text-align: center;"><b>Spring Semester</b></p> <p>PSYCH 3463 Child &amp; Adolescent Psychology<br/>           BIOL 3634 Human Physiology<br/>           PHYS 1314 Astronomy<br/>           CHEM ---4 Required Chemistry Electives<br/>           (CHEM 4514<sup>^</sup> or 4413<sup>^^</sup> and 4421<sup>^^</sup> recommended)<br/> <b>15 TOTAL HOURS</b></p> |
| <b>FOURTH YEAR</b>   |   |
| <p style="text-align: center;"><b>Fall Semester</b></p> <p>CHEM ---3 Required Chemistry Elective<br/>           (CHEM 4213 recommended)<br/> <b>EDUC 4611 Field Experience III</b><br/> <b>EDUC 4052 Effective Teaching in Secondary Educ</b><br/> <b>EDUC 4632 Ed Tech Integration Strategies</b><br/>           B/C/P 4113 Methods Teach Biological/Physical Sciences<br/>           CHEM 3214 Quantitative Analysis I [offered every fall]<br/> <b>15 TOTAL HOURS</b></p> | <p style="text-align: center;"><b>Spring Semester</b></p> <p><b>EDUC 4262 Student Teaching Seminar I</b><br/> <b>EDUC 4282 Student Teaching Seminar II</b><br/> <b>EDUC 4974 Student Teaching</b><br/> <b>EDUC 4974 Student Teaching</b><br/> <b>12 TOTAL HOURS</b></p>   |
| <b>TOTAL HOURS 124-126</b>   |   |

<sup>^</sup> Offered Fall Semester Even Years    <sup>^^</sup> Offered Spring Semester Odd Years

**Take bolded classes together**

**Students need to plan semester schedules in advance in order to take required electives in the semester offered - junior or senior years**