

East Central University
CHS - Physics Teacher Certification BS (0351/UG24)
(2024-2025) Degree Plan

FIRST YEAR	
<p style="text-align: center;">Fall Semester</p> <p>*UNIV 1001 Tiger Connect *ENG 1113 Freshman Composition I *MATH 1513 College Algebra MATH 1713 Trigonometry *GEOG 1214 Earth Science *HIST 2483 United States History to 1877 OR *HIST 2493 United States history since 1877 17 TOTAL HOURS</p>	<p style="text-align: center;">Spring Semester</p> <p>*ENG 1213 Freshman Composition II Elective (*COMM 1113 Fundamentals of Human Communication) MATH 2825 Calculus & Analytic Geometry I *CHEM 1114 General Chemistry I 15 TOTAL HOURS</p>
SECOND YEAR	
<p style="text-align: center;">Fall Semester</p> <p>CHEM 1214 General Chemistry II MATH 3025 Calculus & Analytic Geometry II PHYS 2115 Engineering Physics I Cultural and Aesthetic Awareness (HIST 1123 recommended) 17 TOTAL HOURS</p>	<p style="text-align: center;">Spring Semester</p> <p>PHYS 2225 Engineering Physics II *PSYCH 1113 General Psychology General Education (Cultural and Aesthetic Awareness (Intercultural Knowledge and Competence)-3 hours) *EDUC 2402 Survey of Exceptional Child 13 TOTAL HOURS</p>
THIRD YEAR	
<p style="text-align: center;">Fall Semester</p> <p>PSYCH 3463 Child & Adolescent Psychology *PHYS 1314 Astronomy EDUC 2012 Foundations of Education EDUC 2631 Foundations of Ed Tech EDUC 2211 Field Experience I PHYS 3013 Modern Physics Chemistry Elective (3 hours) PHYS 3412 Junior Physics Laboratory 19 TOTAL HOURS</p>	<p style="text-align: center;">Spring Semester</p> <p>EDUC 3001 Field Experience II PHYS 3113 Mechanics I EDPSY 3513 Educational Psychology *3 hours foreign language *PS 1113 United States Government Physics Elective (3 hours but NOT 3222 or 4222) 16 TOTAL HOURS</p>
<p style="text-align: center;">Fall Semester</p> <p>EDUC 4052 Effective Teaching in Secondary Educ EDUC 4611 Field Experience III EDUC 4632 Ed Tech Integration Strategies PHYS 4113 Electricity & Magnetism-Field Theory B/C/P 4113 Methods of Teaching Biol/Physical Sci Chemistry Elective (4 hours) *BIOL 1114 General Biology 19 TOTAL HOURS</p>	<p style="text-align: center;">Spring Semester</p> <p>EDUC 4262 Student Teaching Seminar I EDUC 4282 Student Teaching Seminar II EDUC 4974 Supervised Student Teaching EDUC 4974 Supervised Student Teaching 12 TOTAL HOURS</p>

* = General Education

Total hours: 122-128