

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

FIRST YEAR	
Fall Semester *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	Spring Semester *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
SECOND YEAR	
Fall Semester 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	Spring Semester 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
THIRD YEAR	
Fall Semester 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	Spring Semester 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
Fall Semester 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	Spring Semester 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

* = General Education

Total hours: 122-128