

East Central University
CHS - Physics Teacher Certification BS (0351/UG23)
(2023-2024) 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 or HNRS 2513 Enduring
 Questions: Perspectives from Rhetoric and Research (Honors
 *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
 *3 hrs gen ed Cultural and Aesthetic Awareness
 (Intercultural Knowledge and Competence)
 *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
 3 hours any Chemistry elective
 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
 3 hours Physics Elective 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 Straegies
 PHYS 4113 Electricity & Magnetism-Field Theory
 B/C/P 4113 Methods of Teaching Biol/Physical Sci
 4 hours chemistry elective
 *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