

East Central University
CHS
2023-2024 Chemistry Teacher Certification Degree Plan

FIRST YEAR

Fall Semester	Spring Semester
UNIV 1001 Tiger Connect ENG 1113 Freshman Composition I COMM 1113 Fundamentals of Human Communication MATH 1513 College Algebra OR MATH 2825 Calculus and Analytic Geometry I PSYCH 1113 General Psychology BIOL 1114 General Biology 17-19 TOTAL HOURS	ENG 1213 Freshman Composition II HIST 24-3 United States History Survey GEOG 1214 Earth Science General Education Cultural and Aesthetic Awareness (3 hours) CHEM 1114 General Chemistry I 17 TOTAL HOURS

SECOND YEAR

Fall Semester	Spring Semester
PS 1113 United States Government EDUC 2012 Foundations of Education EDUC 2211 Field Experience I EDUC 2631 Foundations of Ed Tech PHYS 1114 General Physics I CHEM 1214 General Chemistry II Language course (3 hours) 18 TOTAL HOURS	BIOL 1314 General Zoology EDUC 2402 Survey of Exceptional Children PHYS 1214 General Physics II General Education Cultural and Aesthetic Awareness (3 hours) CHEM 3114 Organic Chemistry I 17 TOTAL HOURS

THIRD YEAR

Fall Semester	Spring Semester
General Education Elective (select for Intercultural Knowledge or Global Citizenship if not yet met) BIOL 2184 Human Anatomy EDPSY 3513 Educational Psychology EDUC 3001 Field Experience II CHEM 4114 Organic Chemistry II 15 TOTAL HOURS	PSYCH 3463 Child & Adolescent Psychology BIOL 3634 Human Physiology PHYS 1314 Astronomy CHEM ---4 Required Chemistry Electives (CHEM 4514 [^] or 4413 ^{^^} and 4421 ^{^^} recommended) 15 TOTAL HOURS

FOURTH YEAR

Fall Semester	Spring Semester
CHEM ---3 Required Chemistry Elective (CHEM 4213 recommended) EDUC 4611 Field Experience III EDUC 4052 Effective Teaching in Secondary Educ EDUC 4632 Ed Tech Integration Strategies B/C/P 4113 Methods Teach Biological/Physical Sciences CHEM 3214 Quantitative Analysis I [offered every fall] 15 TOTAL HOURS	EDUC 4262 Student Teaching Seminar I EDUC 4282 Student Teaching Seminar II EDUC 4974 Student Teaching EDUC 4974 Student Teaching 12 TOTAL HOURS

TOTAL HOURS 124-126

^ Offered Fall Semester Even Years ^^ 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