

East Central University
College of Health Sciences
2025-2026 Biology - Teaching Certification Degree Plan 0041

FIRST YEAR	
Fall Semester BIOL1114 General Biology I ENG1113 Freshman Composition I HIST24-3 United States History MATH1513 College Algebra ____3 General Education-Cultural (IKC*) UNIV1001 Tiger Connect 17 TOTAL HOURS	Spring Semester BIOL1134 General Biology II ____3 Written Communication COMM1113 Fund Human Communic PSYCH 1113 General Psychology PS1113 US Government 16 TOTAL HOURS
SECOND YEAR	
Fall Semester PSYCH3463 Child Adolescent Psych PHYS1114 General Physics I CHEM1114 General Chemistry I ____3 General Ed-Cultural (GC*) ____3 Earth Science Elective 17 TOTAL HOURS	Spring Semester BIOL4414 Ecology CHEM1214 General Chemistry II PHYS1314 Astronomy ____4 General Ed-Elective (**any SLO) 16 TOTAL HOURS
THIRD YEAR	
Fall Semester BIOL2184 Hum Anatomy (OR BIOL3245 CVA) EDUC2012 Foundation of Education EDUC2211 Field Experience I EDUC2402 Survey of Excep Children EDUC2631 Foundations of EdTech CHEM3114 OrgChem I (OR CHEM3214) 14 TOTAL HOURS	Spring Semester BIOL3434 Genetics BIOL4883 Senior Seminar EDPSY3513 Educational Psychology EDUC3001 Field Experience II B/C/P 4113 Methods Teaching (SP or TBA) 14 TOTAL HOURS
FOURTH YEAR	
Fall Semester BIOL3634 Human Physiology EDUC4052 Effective Teaching EDUC4611 Field Experience III EDUC4632 EdTech Integ Strategies PHYS1214 General Physics II 13 TOTAL HOURS	Spring Semester EDUC4262 Student Teaching Seminar I EDUC4282 Student Teaching Seminar II EDUC4974 Student Teaching EDUC4974 Student Teaching 12 TOTAL HOURS

*GC= Global Citizenship; IKC=Intercultural Knowledge and Competence are both required but interchangeable

**remaining 4hr of GenEd electives required cannot also be listed as required on major degree sheet or professional education sequence