

East Central University
College of Health and Sciences
2024-2025 Biology (Ecology) - Degree Plan

FIRST YEAR	
Fall Semester BIOL 1114 General Biology ENGL 1113 Freshman Composition I MATH 1513 College Algebra PS 1113 United States Government UNIV 1001 Tiger Connect 14 TOTAL HOURS	Spring Semester BIOL 1314 General Zoology CHEM 1114 General Chemistry I ____3 Written Communication ____3 General Education-Cultural (GC*) 14 TOTAL HOURS
SECOND YEAR	
Fall Semester BIOL 1214 General Botany BIOL____4 Biology Required Electives CHEM 1214 General Chemistry II ____3 General Education-Cultural (any SLO) 15 TOTAL HOURS	Spring Semester CHEM 3114 Organic Chemistry I BIOL 2002 Intro. to Research Experience PHYS 1114 General Physics I ____3 General Education-Exploration (IKC*) HIST24-3 United States History 16 TOTAL HOURS
THIRD YEAR	
Fall Semester BIOL 3514 General Physiology EHS 3703 Biostatistics PHYS 1214 General Physics II ____3 General Education-Elective (any SLO**)	Spring Semester BIOL 3245 Comparative Vertebrate Anatomy BIOL 3434 Genetics BIOL 4414 General Ecology BIOL 4323 Experimental Design in Biol. Science
14 TOTAL HOURS	16 TOTAL HOURS
FOURTH YEAR	
Fall Semester BIOL____4 Upper Level Req Electives BIOL 3934 Limnology ____4 Elective ____4 General Education-Elective (any SLO**) BIOL 4123 Evolution	Spring Semester BIOL 4881 Biology Senior Seminar BIOL____4 Upper Level Req Electives ____4 Elective BIOL____4 Upper Level Req Electives
19 TOTAL HOURS	13 TOTAL HOURS

*GC= Global Citizenship; IKC=Intercultural Knowledge and Competence are both required
 **remaining 7hr of GenEd electives cannot also be listed as required on major degree s

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