

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

FIRST YEAR	
<p style="text-align: center;">Fall Semester</p> <p>BIOL 1114 General Biology ENGL 1113 Freshman Composition I MATH 1513 College Algebra PS 1113 United States Government UNIV 1001 Tiger Connect</p> <p style="text-align: center;">14 TOTAL HOURS</p>	<p style="text-align: center;">Spring Semester</p> <p>BIOL 1314 General Zoology CHEM 1114 General Chemistry I ___3 Written Communication ___3 General Education-Cultural (GC*)</p> <p style="text-align: center;">14 TOTAL HOURS</p>
SECOND YEAR	
<p style="text-align: center;">Fall Semester</p> <p>BIOL 1214 General Botany BIOL___4 Biology Required Electives CHEM 1214 General Chemistry II ___3 General Education-Cultural (any SLO)</p> <p style="text-align: center;">15 TOTAL HOURS</p>	<p style="text-align: center;">Spring Semester</p> <p>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</p> <p style="text-align: center;">16 TOTAL HOURS</p>
THIRD YEAR	
<p style="text-align: center;">Fall Semester</p> <p>BIOL 3514 General Physiology EHS 3703 Biostatistics PHYS 1214 General Physics II ___3 General Education-Elective (any SLO**)</p> <p style="text-align: center;">14 TOTAL HOURS</p>	<p style="text-align: center;">Spring Semester</p> <p>BIOL 3245 Comparative Vertebrate Anatomy BIOL 3434 Genetics BIOL 4414 General Ecology BIOL 4323 Experimental Design in Biol. Science</p> <p style="text-align: center;">16 TOTAL HOURS</p>
FOURTH YEAR	
<p style="text-align: center;">Fall Semester</p> <p>BIOL___4 Upper Level Req Electives BIOL 3934 Limnology ___4 Elective ___4 General Education-Elective (any SLO**) BIOL 4123 Evolution</p> <p style="text-align: center;">19 TOTAL HOURS</p>	<p style="text-align: center;">Spring Semester</p> <p>BIOL 4881 Biology Senior Seminar BIOL___4 Upper Level Req Electives ___4 Elective BIOL___4 Upper Level Req Electives</p> <p style="text-align: center;">13 TOTAL HOURS</p>

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

**remaining 7hr of GenEd electives cannot also be listed as required on major degree sheet