

East Central University
College of Health Sciences
2024-2025 Biology Degree Plan

FIRST YEAR	
<p style="text-align: center;">Fall Semester</p> <p>BIOL1114 General Biology MATH1513 College Algebra ENG1113 Freshman Composition I PS1113 US Government UNIV1001 Tiger Connect</p> <p style="text-align: center;">14 TOTAL HOURS</p>	<p style="text-align: center;">Spring Semester</p> <p>CHEM1114 General Chemistry I BIOL1214 General Botany ___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>BIOL2344 General Microbiology CHEM1214 General Chemistry II BIOL1314 General Zoology ___3 General Education-Exploration (IKC*)</p> <p style="text-align: center;">15 TOTAL HOURS</p>	<p style="text-align: center;">Spring Semester</p> <p>BIOL___4 Biology Required Electives CHEM3114 Organic Chemistry I BIOL___3 Biology Required Electives ___3 General Education-Cultural (any SLO)</p> <p style="text-align: center;">14 TOTAL HOURS</p>
THIRD YEAR	
<p style="text-align: center;">Fall Semester</p> <p>BIOL4313 Cell & Molecular Biology BIOL3__4 Human OR General Physiology ___3 General Education-Elective (any SLO**) ___3 Electives ___3 Electives</p> <p style="text-align: center;">16 TOTAL HOURS</p>	<p style="text-align: center;">Spring Semester</p> <p>BIOL___3 Upper Level Req Electives BIOL3434 Genetics HIST24-3 United States History PHYS1114 General Physics I ___3 Electives</p> <p style="text-align: center;">17 TOTAL HOURS</p>
FOURTH YEAR	
<p style="text-align: center;">Fall Semester</p> <p>BIOL___4 Biology Level Req Electives PHYS1214 General Physics II ___3 General Education-Elective (any SLO**) ___4 Electives</p> <p style="text-align: center;">15 TOTAL HOURS</p>	<p style="text-align: center;">Spring Semester</p> <p>BIOL4414 Ecology BIOL4881 Biology Senior Sem BIOL___4 Upper Level Req Electives ___3 Electives ___3 Electives</p> <p style="text-align: center;">15 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