

**East Central University**  
**College of Health Sciences**  
**2025-2026 Biology Degree Plan**

<b>FIRST YEAR</b>	
<p style="text-align: center;"><b>Fall Semester</b></p> <p>BIOL1114 General Biology  MATH1513 College Algebra  ENG1113 Freshman Composition I  PS1113 US Government  UNIV1001 Tiger Connect</p> <p style="text-align: center;"><b>14 TOTAL HOURS</b></p>	<p style="text-align: center;"><b>Spring Semester</b></p> <p>CHEM1114 General Chemistry I  BIOL1134 General Biology II  ___3 Written Communication  ___3 General Education-Cultural (GC*)</p> <p style="text-align: center;"><b>14 TOTAL HOURS</b></p>
<b>SECOND YEAR</b>	
<p style="text-align: center;"><b>Fall Semester</b></p> <p>BIOL2344 General Microbiology  CHEM1214 General Chemistry II  ___3 Electives  ___3 General Education-Exploration (IKC*)</p> <p style="text-align: center;"><b>14 TOTAL HOURS</b></p>	<p style="text-align: center;"><b>Spring Semester</b></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;"><b>14 TOTAL HOURS</b></p>
<b>THIRD YEAR</b>	
<p style="text-align: center;"><b>Fall Semester</b></p> <p>BIOL4313 Cell &amp; Molecular Biology  BIOL3__4 Human OR General Physiology  ___3 General Education-Elective (any SLO**)  ___3 Electives  ___3 Electives</p> <p style="text-align: center;"><b>16 TOTAL HOURS</b></p>	<p style="text-align: center;"><b>Spring Semester</b></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;"><b>17 TOTAL HOURS</b></p>
<b>FOURTH YEAR</b>	
<p style="text-align: center;"><b>Fall Semester</b></p> <p>BIOL___4 Biology Level Req Electives  PHYS1214 General Physics II  ___3 General Education-Elective (any SLO**)  ___3 Electives</p> <p style="text-align: center;"><b>14 TOTAL HOURS</b></p>	<p style="text-align: center;"><b>Spring Semester</b></p> <p>BIOL4414 Ecology  BIOL4883 Biology Senior Sem  BIOL___4 Upper Level Req Electives  ___3 Electives  ___3 Electives</p> <p style="text-align: center;"><b>17 TOTAL HOURS</b></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