

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

<b>FIRST YEAR</b>	
<b>Fall Semester</b> BIOL1114 General Biology MATH1513 College Algebra ENG1113 Freshman Composition I PS1113 US Government UNIV1001 Tiger Connect  <b>14 TOTAL HOURS</b>	<b>Spring Semester</b> CHEM1114 General Chemistry I BIOL1134 General Biology II ____3 Written Communication ____3 General Education-Cultural (GC*)  <b>14 TOTAL HOURS</b>
<b>SECOND YEAR</b>	
<b>Fall Semester</b> BIOL2344 General Microbiology CHEM1214 General Chemistry II ____3 Electives ____3 General Education-Exploration (IKC*)  <b>14 TOTAL HOURS</b>	<b>Spring Semester</b> BIOL____4 Biology Required Electives CHEM3114 Organic Chemistry I BIOL____3 Biology Required Electives ____3 General Education-Cultural (any SLO)  <b>14 TOTAL HOURS</b>
<b>THIRD YEAR</b>	
<b>Fall Semester</b> BIOL4313 Cell & Molecular Biology BIOL3__4 Human OR General Physiology ____3 General Education-Elective (any SLO**) <div>             ____3 Electives              ____3 Electives           </div> <b>16 TOTAL HOURS</b>	<b>Spring Semester</b> BIOL____3 Upper Level Req Electives BIOL3434 Genetics HIST24-3 United States History PHYS1114 General Physics I ____3 Electives  <b>17 TOTAL HOURS</b>
<b>FOURTH YEAR</b>	
<b>Fall Semester</b> BIOL____4 Biology Level Req Electives PHYS1214 General Physics II ____3 General Education-Elective (any SLO**) <div>             ____3 Electives           </div> <b>14 TOTAL HOURS</b>	<b>Spring Semester</b> BIOL4414 Ecology BIOL4883 Biology Senior Sem BIOL____4 Upper Level Req Electives ____3 Electives ____3 Electives  <b>17 TOTAL HOURS</b>

\*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