

East Central University
College of Health Sciences
2024-2025 Biology - Health Sciences 004C

FIRST YEAR	
<p style="text-align: center;">Fall Semester</p> <p>BIOL1114 General Biology MATH1513 College Algebra ENG1113 Freshman Composition I PS 1113 United States Government UNIV1001 Tiger Connect</p> <p style="text-align: center;">14 TOTAL HOURS</p>	<p style="text-align: center;">Spring Semester</p> <p>BIOL1314 General Zoology CHEM1114 General Chemistry I ___3 General Education-Cultural (GC*) ___3 Written Communication</p> <p style="text-align: center;">14 TOTAL HOURS</p>
SECOND YEAR	
<p style="text-align: center;">Fall Semester</p> <p>BIOL1214 General Botany BIOL2184 Human Anatomy CHEM1214 General Chemistry II ___3 Health Science Elective (BIOL2113)</p> <p style="text-align: center;">15 TOTAL HOURS</p>	<p style="text-align: center;">Spring Semester</p> <p>BIOL2344 General Microbiology CHEM3114 Organic Chemistry I PSYCH1113 General Psychology ___3 General Education-Cultural (any SLO) HIST24-3 United States History</p> <p style="text-align: center;">17 TOTAL HOURS</p>
THIRD YEAR	
<p style="text-align: center;">Fall Semester</p> <p>BIOL3634 Human Physiology PHYS1114 General Physics I ___3 General Education-Exploration (IKC*) ___4 General Education-Elective (any SLO**)</p> <p style="text-align: center;">15 TOTAL HOURS</p>	<p style="text-align: center;">Spring Semester</p> <p>BIOL3434 Genetics PHYS1214 General Physics II ___3 General Education-Elective (any SLO**) ___4 Elective (CHEM4114)</p> <p style="text-align: center;">15 TOTAL HOURS</p>
FOURTH YEAR	
<p style="text-align: center;">Fall Semester</p> <p>BIOL4313 Cell & Molecular Biology ___3 Health Science Elective (upper-level) ___4 Elective (CHEM4213 & 4221) EHS3703 Biostatistics ___2 Elective</p> <p style="text-align: center;">15 TOTAL HOURS</p>	<p style="text-align: center;">Spring Semester</p> <p>BIOL4414 Ecology BIOL4881 Biology Senior Seminar ___3 Health Science Elective (upper-level) ___3 Elective (upper-level) ___4 Elective</p> <p style="text-align: center;">15 TOTAL HOURS</p>

Suggested courses in parenthesis

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

ired but interchangeable
sheet