

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

FIRST YEAR	
Fall Semester BIOL1114 General Biology MATH1513 College Algebra ENG1113 Freshman Composition I PS 1113 United States Government UNIV1001 Tiger Connect 14 TOTAL HOURS	Spring Semester BIOL1314 General Zoology CHEM1114 General Chemistry I ____3 General Education-Cultural (GC*) ____3 Written Communication 14 TOTAL HOURS
SECOND YEAR	
Fall Semester BIOL1214 General Botany BIOL2184 Human Anatomy CHEM1214 General Chemistry II ____3 Health Science Elective (BIOL2113) 15 TOTAL HOURS	Spring Semester BIOL2344 General Microbiology CHEM3114 Organic Chemistry I PSYCH1113 General Psychology ____3 General Education-Cultural (any SLO) HIST24-3 United States History 17 TOTAL HOURS
THIRD YEAR	
Fall Semester BIOL3634 Human Physiology PHYS1114 General Physics I ____3 General Education-Exploration (IKC*) ____4 General Education-Elective (any SLO**)	Spring Semester BIOL3434 Genetics PHYS1214 General Physics II ____3 General Education-Elective (any SLO**) ____4 Elective (CHEM4114)
15 TOTAL HOURS	15 TOTAL HOURS
FOURTH YEAR	
Fall Semester BIOL4313 Cell & Molecular Biology ____3 Health Science Elective (upper-level) ____4 Elective (CHEM4213 & 4221) EHS3703 Biostatistics ____2 Elective	Spring Semester BIOL4414 Ecology BIOL4881 Biology Senior Seminar ____3 Health Science Elective (upper-level) ____3 Elective (upper-level) ____4 Elective
15 TOTAL HOURS	15 TOTAL HOURS

Suggested courses in parenthesis

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

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

ired but interchangeable
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