

East Central University
College of Health Sciences
2025-2026 Biology - Health Sciences 004C

FIRST YEAR	
Fall Semester BIOL1114 General Biology MATH1513 College Algebra ENG1113 Freshman Composition I ____3 General Education-Cultural (IKC) UNIV1001 Freshmen Seminar 14 TOTAL HOURS	Spring Semester BIOL1134 General BiologyII CHEM1114 General Chemistry I ____3 Written Communication (1213 or 2313) PS1113 US Government 14 TOTAL HOURS
SECOND YEAR	
Fall Semester BIOL2344 General Microbiology BIOL2184 Human Anatomy CHEM1214 General Chemistry II ____3 Exploration & Personal Enrichment 15 TOTAL HOURS	Spring Semester BIOL__3 Health Science Elective CHEM3114 Organic Chemistry I PSYCH1113 General Psychology ____3 Cultural Awareness (GC) ____3 Civic Consiousness (HIST 24-3) 16 TOTAL HOURS
THIRD YEAR	
Fall Semester BIOL3634 Human Physiology BIOL4313 Cell & Molecular Biology PHYS1114 General Physics I ____4 Elective (CHEM4114) 15 TOTAL HOURS	Spring Semester BIOL3434 Genetics BIOL__3 Health Science UPPER Elective PHYS1214 General Physics II ____3 General Education Elective 14 TOTAL HOURS
FOURTH YEAR	
Fall Semester EHS3703 Biostatistics ____4 Elective (CHEM4213 &4221) ____3 General Education Elective ____3 Elective ____3 Elective 16 TOTAL HOURS	Spring Semester BIOL4414 Ecology (or BIOL4545) BIOL4882 Biology Senior Seminar BIOL__3 Health Science UPPER Elective ____3 Elective (upper-level) ____4 Elective 16 TOTAL HOURS

120 hours

Suggested courses in parenthesis

*GC= Global Citizenship; IKC=Intercultural Knowledge and Competence