

**East Central University**  
**College of Health Sciences**  
**2023-2024 Biology - Health Sciences 004C**

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

Suggested courses in parenthesis  
IKC=Intercultural Knowledge and Competence  
GC=Global Citizenship