

**East Central University**  
**College of Health Sciences**  
**2024-2025 Biology - Clinical Laboratory Sciences 004A**

<b>FIRST YEAR</b>	
<p style="text-align: center;"><b>Fall Semester</b></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;"><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 General Education-Cultural (GC*)  ___3 Written Communication  HIST24-3 United States History</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 General Education-Exploration (IKC*)</p> <p style="text-align: center;"><b>15 TOTAL HOURS</b></p>	<p style="text-align: center;"><b>Spring Semester</b></p> <p>BIOL3634 Human Physiology  CHEM3114 Organic Chemistry I  ___3 General Education-Cultural (any SLO)  ___3 General Ed. Elective** (EHS2613)</p> <p style="text-align: center;"><b>14 TOTAL HOURS</b></p>
<b>THIRD YEAR</b>	
<p style="text-align: center;"><b>Fall Semester</b></p> <p>BIOL2344 General Microbiology  BIOL4881 Biology Senior Seminar  CHEM4213 Biochemistry  CHEM4221 Biochemistry Lab  ___3 General Ed. Elective** (any SLO)  ___3 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  BIOL3683 Immunology  ___3 Electives  ___3 General Ed. Elective** (any SLO)  ___2 Electives</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>MEDTE4117 Clinical Microbiology  MEDTE4125 Clinical Chemistry I</p> <p style="text-align: center;"><b>12 TOTAL HOURS</b></p>	<p style="text-align: center;"><b>Spring Semester</b></p> <p>MEDTE4236 Clinical Hematology  MEDTE4246 Clinical Immuno.</p> <p style="text-align: center;"><b>12 TOTAL HOURS</b></p>
	<p style="text-align: center;"><b>Summer Semester</b></p> <p>MEDTE4325 Clinical Chemistry II  MEDTE4351 Topics in Med. Tech.</p> <p style="text-align: center;"><b>6 TOTAL HOURS</b></p>

\*GC= Global Citizenship; IKC=Intercultura

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

