

East Central University

College of Health Sciences

2024-2025 Biology - Clinical Laboratory Sciences

004A

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
HIST24-3 United States History

17 TOTAL HOURS

SECOND YEAR

Fall Semester

BIOL1214 General Botany
BIOL2184 Human Anatomy
CHEM1214 General Chemistry II
___3 General Education-Exploration (IKC*)

15 TOTAL HOURS

Spring Semester

BIOL3634 Human Physiology
CHEM3114 Organic Chemistry I
___3 General Education-Cultural (any SLO)
___3 General Ed. Elective** (EHS2613)

14 TOTAL HOURS

THIRD YEAR

Fall Semester

BIOL2344 General Microbiology
BIOL4881 Biology Senior Seminar
CHEM4213 Biochemistry
CHEM4221 Biochemistry Lab
___3 General Ed. Elective** (any SLO)
___3 Elective

15 TOTAL HOURS

Spring Semester

BIOL3434 Genetics
BIOL3683 Immunology
___3 Electives
___3 General Ed. Elective** (any SLO)
___2 Electives

15 TOTAL HOURS

FOURTH YEAR

Fall Semester

MEDTE4117 Clinical Microbiology
MEDTE4125 Clinical Chemistry I

12 TOTAL HOURS

Spring Semester

MEDTE4236 Clinical Hematology
MEDTE4246 Clinical Immuno.

12 TOTAL HOURS

Summer Semester

MEDTE4325 Clinical Chemistry II
MEDTE4351 Topics in Med. Tech.

6 TOTAL HOURS

*GC= Global Citizenship; IKC=Intercultura

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

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