

East Central University

College of Health Sciences

2025-2026 Biology - Medical Laboratory Sciences

004A

FIRST YEAR	
Fall Semester BIOL 1114 General Biology I MATH1513 College Algebra ENG1113 Freshman Composition I PS 1113 United States Government UNIV1001 Tiger Connect 14 TOTAL HOURS	Spring Semester BIOL 1134 General Biology II CHEM1114 General Chemistry I ____3 General Education-Cultural (GC*) ____3 Written Communication 14 TOTAL HOURS
SECOND YEAR	
Fall Semester ____3 General Education-Cultural (IKC*) BIOL2184 Human Anatomy CHEM1214 General Chemistry II ____3 General Education-Exploration(any SLO*) 14 TOTAL HOURS	Spring Semester BIOL2344 General Microbiology CHEM3114 Organic Chemistry I HIST24-3 United States History ____3 General Ed. Elective** (cmptpr prof) ____3 Electives 17 TOTAL HOURS
THIRD YEAR	
Fall Semester BIOL3634 Human Physiology CHEM4213 Biochemistry (FA only) CHEM4221 Biochemistry Lab ____3 General Ed. Elective** (any SLO) ____4 Elective 15 TOTAL HOURS	Spring Semester BIOL3434 Genetics BIOL3683 Immunology ____4 Electives ____3 General Ed. Elective** (any SLO) BIOL4882 Biology Senior Seminar 16 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 Topicsin Med. Tech. 6 TOTAL HOURS
120 hours	

*GC= Global Citizenship; IKC=Intercultural

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