

Wichita State University MEDICAL LABORATORY SCIENCES

MODEL PLAN

FRESHMAN	
FALL	SPRING
CHEM 211 General Chemistry I with Lab (5) ENGL 101 College English I (3) MATH 111 College Algebra (3) Introductory Fine Arts (3)	CHEM 212 General Chemistry II with Lab (5) ENGL 102 College English II (3) COMM 111 Public Speaking (3) Intro Social/Behavioral Science-Subject 1 (3)
Total Credit Hours: 14	Total Credit Hours: 14

SOPHOMORE	
FALL	SPRING
HS 290/BIOL 223 Human A&P with Lab (5) BIOL 210 General Biology I with Lab (4) Introductory Humanities-Subject 1 (3)	BIOL 220 Microbiology with Lab (4) MLS 405 Medical Immunology (3) Intro Social/Behavioral Science-Subject 2 (3) Introductory Humanities-Subject 2 (3)
Total Credit Hours: 12	Total Credit Hours: 13

JUNIOR		
FALL	SPRING	SUMMER
MLS 311 Biochemistry (3) Issues and Perspectives (3) Further Study or Issues and Perspectives (3) Electives (6)	MLS 473 Immunohematology (8) MLS 495 Clinical Microbiology (8)	MLS 400 Clinical Lab Management/ Education (3) MLS 482 Molecular Diagnostic Techniques (3)
Total Credit Hours: 15	Total Credit Hours: 16	Total Credit Hours: 6

SENIOR	
FALL	SPRING
MLS 453 Clinical Chemistry (8) MLS 463 Clinical Hematology (8)	MLS 479 Applied Immunohematology (3) MLS 488 Core Laboratory Practicum (8) MLS 498 Applied Clinical Microbiology (3)
Total Credit Hours: 16	Total Credit Hours: 14