

**Four Year Plan  
Bachelor of Science in Medical Laboratory Science**

Semester 1	
BIOL 111 General Biology I	4 hrs
CHEM 111 General Chemistry I	4 hrs
MATH 115, 120, or 150	3 hrs
ENGL 101 Composition I	3 hrs
LNCN 100 Lincoln Life and Legacy	1 hrs
UACT 100 Strategies College Success	1 hr
Total:	16 hrs

Semester 2	
BIOL 112 General Biology II	4 hrs
CHEM 112 General Chemistry II	4 hrs
ISYS 100 Computer Literacy	2 hrs
ENGL 102 Composition II	3 hrs
Fine Art Requirement	3 hrs
Total:	16 hrs

Semester 3	
BIOL 261 Human A&P I	4 hrs
CHEM 221 Organic Chemistry I	4 hrs
HIST 121 / 131 World or American I	3 hrs
Social / Behavior Science Req #1	3 hrs
COMM 200 Fund of Speech Comm	3 hrs
Total:	17 hrs

Semester 4	
BIOL 262 Human A&P II	4 hrs
CHEM 222 Organic Chemistry II	4 hrs
HIST 122 / 132 World or American II	3 hrs
BIOL 230 General Microbiology	4 hrs
Total:	15 hrs

Semester 5	
MEDLS 301 Intro to Lab Methods I	1 hr
MEDLS 310 Hemostasis	1 hr
MEDLS 320 Hematology	4 hrs
MEDLS 391 Intern Clinical Practice I	2 hrs
ENGL 240/250 Literary Forms / Hist	3 hrs
Social / Behavior Science Req # 2	3 hrs
Fine Art, Humanities, Ethics	3 hrs
Total:	17 hrs

Semester 6	
MEDLS 302 Intro to Lab Methods II	1 hrs
MEDLS 330 Immunology & Serology	3 hrs
MEDLS 340 Immunohematology	4 hrs
MEDLS 340X Junior Writing Req	0 hrs
MEDLS 392 Intern Clinical Practice II	2 hrs
CIVX 300 American Civics	2 hrs
Elective	3 hrs
Total:	15 hrs

Semester 7	
MEDLS 400 Body Fluid Analysis	2 hrs
MEDLS 410 Laboratory Management	2 hrs
MEDLS 451 Clinical Chemistry I	3 hrs
MEDLS 461 Medical Microbiology I	3 hrs
MEDLS 391 Advanced Clinical I	2 hrs
Elective	3 hrs
Total:	15 hrs

Semester 8	
MEDLS 452 Clinical Chemistry II	3 hrs
MEDLS 462 Medical Microbiology II	3 hrs
MEDLS 492 Advanced Clinical II	3 hrs
MEDLS 497 Senior Review	3 hrs
MEDLS 497Z Senior Writing Req	0 hrs
Total:	12 hrs