

Suggested Sequence for Prerequisite Courses for Admission

Medical Laboratory Science Program- Plan A & Plan B

Students following Plan A may be eligible for MLS Fieldwork Courses in the Winter/Spring semesters.

Students following Plan B may be eligible for MLS Fieldwork Courses in the Summer/Fall semesters.

(Students are also responsible for completing General Education Categories 1, 2, 6, 7, 8 and 9. Make sure that the courses you choose satisfy these categories.)

Freshman Year – Fall Semester

Courses	Credits/Offering
BIOL 111A – Principles of Biology	4/FWSpSu
ENGL 111 – Composition 1	3/FW
Math 132A – Statistical Methods* (*Math 132B also acceptable)	4/FWSp
Gen Ed Electives	<u>6</u>
Total =	17

Freshman Year – Winter Semester

Courses	Credits/Offering
CHEM 111 – Gen Chemistry Lec	4/FWSpSu
CHEM 111L – Gen Chem Lab	1/FWSpSu
ENGL 212 – Topics in Crit Writing	3/FWSpSu
Gen Ed Electives	<u>6</u>
Total =	14

Sophomore Year – Fall Semester

BIOL 232 – Phys & Anatomy I	4/FWSp
CHEM 112 – Gen Chem II Lec	4/FWSu
CHEM 112L – Gen Chem II Lab	1/FWSu
PHYS 150 – Physics for Hlth Sci	4/F
Gen Ed Electives	<u>3</u>
Total =	16

Sophomore Year – Winter Semester

BIOL 233 – Phy & Anatomy II	3/FWSu
PHIL 205B – Prof Ethics:Hlth Care	3/FWSu
BIOL 237 - Intro to Micro	4/FWSu
CHEM 230 – Organic Chem I lec	4/FWSu
Total =	14

Sophomore (or Junior) Spring Semester

*CHEM 250 – Survey of Biochem 3/Sp

Junior Year – Fall Semester

MLS 200 – Intro to MLS (no lab)	3/F
HS 201 – Intro to Health Research	3/FW
HS 430 Pathophysiology	4/FSp
HS 250 – Health Regs & Policy	<u>3/FWSp</u>
Gen Ed Elective	<u>3-6</u>
Total =	16

Junior Year – Winter Semester

MLS 320 – Clin Hem I (lab)	3/W
MLS 330 – Clin Immunochem I (lab)	3/W
MLS 340 – Clin Micro I (lab)	3/W
MLS 350 – Clin Chem I (lab)	4/W
MLS 360 - Molecular Lab Diag	2/W
Total =	15

Spring Semester

MLS 300 – Analysis Bdy Flds (lab) 2/Sp
*CHEM 250 – Survey of Biochem 3/Sp

Senior Year – Fall Semester

MLS 410 – Clin Immunology	3/F
MLS 420 – Clin Hem II	3/F
MLS 430 – Clin Immunochem II	2/F
MLS 440 – Clin Micro II	2/F
MLS 450 – Clin Chem II	2/F
MLS 460 – Prin of Lab Ops	2/F
MLS 470 – Clinical Lab I	1/F
MLS 475 – Clinical Lab II	1/F
Total =	16

Senior Year – Winter/Spring Semesters (A)

Or Summer/Fall Semesters (B)

Fieldwork Courses

MLS 491 Minor Rotations	3
MLS 492 Clinical Hematology	3
MLS 493 Clinical Immunochem	3
MLS 494 Clinical Microbiology	3
MLS 495 Clinical Chemistry	<u>3</u>
Total =	15

*CHEM 250 is not required for admission to the MLS Program. It is only offered in Spring semester and may be taken prior to admission or during the professional courses.

Total Credits Required for Degree = 128; GPA Requirements for Admission to the Professional Sequence = 2.75