

B.S. in Medical Laboratory Science, 3+1 track – four year graduation plan

This is an example of a four year graduation plan for a degree in Medical Laboratory Science, 3+1 track. To be a certified Medical Laboratory Scientist, you must be accepted to the year-long internship/practicum of one of our affiliated programs. The practicum is required for the B.S. degree for 3+1 students. To be competitive for the year 4 practicum, you must be in good academic standing with a minimum GPA of 3.0.

Year 1

Autumn

BIOB 160N—Principles of Living Systems (3)
¹CHMY 141N/142N—College Chemistry I/Lab (5)
¹M 162—Applied Calculus (4)
General Education Requirement (3)
Total: 15 credits

Spring

CHMY 143N/144N—College Chemistry II/Lab (5)
¹WRIT 101—College Writing I (3)
General Education Requirement (3)
General Education Requirement (3)
Elective (1)
Total: 15 credits

Year 2

Autumn

BIOB 260—Cell and Molecular Biology (4)
CHMY 221/222—Organic Chemistry I/Lab (5)
BIOM 360/361—General Microbiology/Lab (5)
Elective (1)
Total: 15 credits

Spring

BIOB 272—Genetics and Evolution (4)
STAT 216—Intro to Statistics (4)
Intermediate Writing/Literary Artistic Course (3)
General Education Requirement (3)
Elective (1)
Total: 15 credits

Year 3

Autumn

BIOB 410/411—Immunology/Lab (5)
BIOH 365/366—Human A&P I for Health Prof. (4)
BIOM 427/428—Parasitology/Lab (4)
General Education Requirement (3)
Total: 16 credits

Spring

BIOM 402/403—Pathogenic Microbes/Lab (5)
BIOM 435—Virology (3)
BCH 380—Biochemistry (4)
BIOH 405—Hematology (3)
Total: 15 credits

*Year 4 – Practicum/Internship at one of our affiliated programs

Summer

BIOH 470—Summer Clinical Lab
Total: 12 credits

Autumn

BIOH 471—Professional Training I
Total: 13 credits

Spring

BIOH 472—Professional Training II
Total: 12 credits

¹Eligibility depends on placement exams

*MUST apply to one or more affiliated Medical Lab Training Programs the prior fall