

B.S. in Medical Laboratory Science, 4+1 track – four year graduation plan

This is an example of a four year graduation plan for a degree in Medical Laboratory Science, 4+1 track. To be a certified Medical Laboratory Scientist, you must be accepted to a one year internship/practicum. The practicum is not included in the B.S. degree for 4+1 students.

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)
Elective (3)
Total: 14 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)
CHMY 223/224—Organic Chemistry II/Lab (5)
STAT 216—Intro to Statistics (4)
Intermediate Writing Course (3)
Total: 16 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)
Elective (3)
Total: 16 credits

Spring

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

Year 4

Autumn

CHMY 311—Analytical Chemistry (4)
PHSX 205N/206N—College Physics I/Lab (5)
General Education Requirement (3)
General Education Requirement (3)
Total: 15 credits

Spring

BIOM 407/408—Clinical Diagnosis/Lab (3)
BIOM 435—Virology (3)
PHSX 207N/208N—College Physics II/Lab (5)
General Education Requirement (3)
Total: 14 credits

¹Eligibility depends on placement exams