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. Please note that this track requires **130 total credits**. 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)
- CHMY 141N/142N—College Chemistry I/Lab (5)
- M 162—Applied Calculus (4)
- General Education Requirement (3)

Total: 15 credits

#### Spring
- CHMY 143N/144N—College Chemistry II/Lab (5)
- WRIT 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 (2)

Total: 16 credits

#### Spring
- BIOB 272—Genetics and Evolution (4)
- STAT 216—Intro to Statistics (4)
- Approved Writing 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)
- BIOH 405—Hematology (3)
- BIOM 427/428—Parasitology/Lab (4)

Total: 16 credits

#### Spring
- BIOM 402/403—Medical Bacteriology/Lab (5)
- BIOM 435—Virology (3)
- BCH 380—Biochemistry (4)
- General Education Requirement (3)
- Elective (1)

Total: 16 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

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1Eligibility depends on placement exams