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)
- 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)
- 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)
- Intermediate Writing Course (3)
- General Education Requirement (3)

*Total: 15 credits*

### Year 3

#### Autumn
- BCH 380—Biochemistry (4)
- BIOB 410/411—Immunology/Lab (5)
- BIOH 365—Human A&P I for Health Prof. (4)
- Elective (3)

*Total: 16 credits*

#### Spring
- BIOM 402/403—Medical Bacteriology/Lab (5)
- PHSX 205N/206N—College Physics I/Lab (5)
- General Education Requirement (3)
- General Education Requirement (3)

*Total: 16 credits*

### Year 4

#### Autumn
- BIOM 427/428—Parasitology/Lab (4)
- BIOH 405—Hematology (3)
- STAT 216—Intro to Statistics (4)
- CHMY 311—Analytical Chemistry (4)

*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*

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1Eligibility depends on placement exams