### 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 a one year internship/practicum. The practicum is included in 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**

- BIO 160N—Principles of Living Systems (3)
- CHMY 141N—College Chemistry I (5)
- M 162—Applied Calculus (4)
- General Education Requirement (3)

**Spring**

- CHMY 143N—College Chemistry II (5)
- WRIT 101—College Writing I (3)
- General Education Requirement (3)
- General Education Requirement (3)
- Elective (1)

*Total: 15 credits*

#### Year 2

**Autumn**

- BIO 260—Cell and Molecular Biology (4)
- CHMY 221/222—Organic Chemistry I/Lab (5)
- BIOM 360/361—General Microbiology/Lab (5)
- Elective (2)

**Spring**

- BIO 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**

- BIO 410/411—Immunology/Lab (5)
- BIO 365—Human A&P I for Health Prof. (4)
- BIO 405—Hematology (3)
- BIOM 427/428—Parasitology/Lab (4)

**Spring**

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

*Total: 15 credits*

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

**Summer**

- BIOH 470—Summer Clinical Lab (5)

**Autumn**

- BIOH 471—Professional Training I (5)

**Spring**

- BIOH 472—Professional Training II (5)

*Total: 12 credits*  

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1Eligibility depends on placement exams