### Core Biology Courses (15 hours):

- BIO/MBI 115 Biological Concepts I (4)
- BIO/MBI 116 Biological Concepts II (4)
- MBI 201 General Microbiology (4)
- MBI 365 Molecular and Cell Biology (3)
- or- BIO 444 Molecular Biology (3)

### Core Chemistry Courses (17-24 hours):

- CHM 141 College Chemistry (3) and CHM 144 College Chemistry Laboratory (2)
- CHM 142 College Chemistry (3) and CHM 145 College Chemistry Laboratory (2)
- CHM 231 Fundamentals of Organic Chemistry (4)
  - or- CHM 241, 242 Organic Chemistry (3, 3) and CHM 244, 245 Organic Chemistry Laboratory (2, 2)
- CHM 332 Outlines of Biochemistry (3)
  - or- CHM 432 Fundamentals of Biochemistry (4)

### Core Math Courses (4-5 hours):

- MTH 151 Calculus (5)
  - or- STA 261 Statistics (4)

### Elective Courses (7 hours minimum):

Select at least 1 course from each of groups A and B:

**Group A courses:**

- CHM 363 Analytical Chemistry (3)
- MBI 435 Medical Mycology (3)
- MBI 464 Human Viruses (3)
- BIO 203 Cell Biology (3)

**Group B courses:**

- MBI 405 Medical Bacteriology (4)
- MBI 415 Immunology Principles and Practice (4)
- BIO 161 Principles of Human Physiology (4)
- BIO 305 Human Physiology (4)

### Practicum/Internship courses (32 hours):

- MBI 487 Medical Laboratory Science Practicum (8) summer session
- MBI 488 Medical Laboratory Science Practicum (12) fall session
- MBI 489 Medical Laboratory Science Practicum (12) spring session

### Language courses (6 hours):

**English:**

- ENG 111 College Composition (3)

**Foreign Language:**

- 202 level Foreign Language Requirement for College of Arts and Science (CAS-A) (3)