

B.S. IN MEDICAL LABORATORY SCIENCE - STUDENT/ADVISOR WORKSHEET

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)

Check upon
completion

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)

- _____ PHY 161 Physics for Life Sciences (4) [formerly PHY 171/173]
- _____ -or- PHY 182 General Physics (5) [formerly PHY 181/183]

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)