
Bachelor of Arts in Microbiology Student/Advisor Worksheet

List credit hours for courses taken in the space provided

_____ Grade point average (2.0 minimum required):

Core Courses (19 hours):

All of these:

- _____ MBI 201 General Microbiology I (4)
- _____ MBI 202 General Microbiology II (4)
- _____ MBI 365 Molecular and Cellular Biology (3)
- _____ MBI 425 Microbial Physiology (4)
- _____ MBI 445 Microbial Genetics (3)
- _____ MBI 490 Undergraduate Seminar (1)

Focus Courses (9 hours minimum):

Lab requirement (2 credit hours of lab):

Select at least 2 of these courses:

- _____ MBI 405 Pathogenic Microbiology (4)
- _____ MBI 415 Immunology Principles and Practice (4)
- _____ MBI 435 Medical Mycology (3)

or this course:

- _____ MBI 465 Microbial and Molecular Genetics Laboratory (2)

Additional Focus Courses, including:

- _____ MBI 414 Immunology Principles (3)
- _____ MBI 464 Human Viruses (3)
- _____ MBI 475 Microbial Ecology (3)
- _____ MBI 485 Principles of Bioinformatics (3)
- _____ MBI 495 Bacterial Cell Biology (3)

Total credits in all Focus Courses (9 hour minimum):

(Note: Credit not given for both MBI 414 and MBI 415.)

Elective Courses:

Additional courses to complete the 32 required hours:

- _____ MBI 361 Epidemiology (3)
- _____ MBI 402 Geomicrobiology (3)
- _____ MBI 424 Biological Instrumentation (3)
- _____ MBI 440 Research Problems (2)
- _____ MBI 466 Bioinformatics Computing Skills (3)
- _____ MBI 477 Independent Study (1-4)
- _____ MBI 480 Departmental Honors (1-3)

Total credits in all Elective Courses:

(Note: MBI 440, 440.C, 477, 477.C, 480, 480.C have a maximum of 4 credits that can be counted.)

Total Credit Hours in Core, Focus and Elective Courses:

Must total at least 32 hours (related hours do not count towards the total.)

Related Hours (19-23 hours):

Chemistry:

- _____ CHM 231 Fundamentals of Organic Chemistry (4) **and**
CHM 332 Outlines of Biochemistry (4) **or**
- _____ CHM 241, 242 Organic Chemistry (3, 3) **and**
CHM 244, 245 Organic Chemistry Laboratory (2, 2)

Math:

- _____ MTH 151 Calculus (5) **or**
STA 261 Statistics (3)

Physics:

- _____ PHY 171, 172 College Physics (3, 3) **and**
PHY 183, 184 Introduction to Physics Laboratory (1, 1) **or**
 - _____ PHY 181, 182 The Physical World (3, 3) **and**
PHY 183, 184 Introduction to Physics Laboratory (1, 1)
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