Suggested Schedule for Microbiology Majors

Freshman Year—Fall	
CHEM 111 General Chem I	4
CHEM 112 Gen Chem Lab I	1
CO 150 Composition	3
LIFE 102 Attrib of Living Systems	4
MATH 117, 118, 124, 125	0–4
MIP 192 First Year Seminar	2
Total Credits	14–18

Freshman Year—Spring	
Biology Elective	3–5
CHEM 113 General Chem II	3
CHEM 114 Gen Chem Lab II	1
Free Electives	3
MATH 155 Calculus	4
Total Credits	14–16

Sophomore Year—Fall	
CHEM 341 O-Chem I	3
MIP 300 General Micro	3
MIP 302 Gen Micro Lab	2
AUCC Category 2 (Adv Comm)	3
Free Electives (e.g., OT215, 1 cr)	2
Total Credits	13

Sophomore Year—Spring	
CHEM 343 O-Chem II	3
CHEM 344 O-Chem Lab	2
STAT 307 Biostatistics	3
MIP 342 Immunology	4
Social/Behavioral Sci (Cat 3-C)	3
Departmental Electives	2
Total Credits	17

Junior Year—Fall	
BC 351 Biochem	4
PH 121 Physics I	5
Historical Perspectives (Cat 3-D)	3
MIP 450 Genetics	3
Total Credits	15

Junior Year—Spring	
MIP 351 Medical Bacteriology	3
PH 122 Physics II	5
Global and Cult Awareness (Cat 3-E)	3
Departmental Electives	3
Free Elective (e.g., HES)	1
Total Credits	15

Senior Year—Fall	
MIP 420 Virology	4
MIP 498 or MIP 400 Capstone	2–3
Arts/Humanities (Cat 3-B)	3
Departmental Electives	2
Free Electives	4
Total Credits	15–16

Senior Year—Spring	
MIP 443 Microbial Phys	4
Arts and Humanities (Cat 3-B)	3
Departmental Electives	3
Free Electives	4–5
Total Credits	14–15

Cumulative number of credits needed to graduate in 4 years

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Have a minimum of 30 credits by the end of year 1

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Have a minimum of 60 credits by the end of year 2

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Have a minimum of 90 credits by the end of year 3

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Have a minimum of 120 credits by the end of year 4

In this suggested schedule, MIP 192 First Year Seminar accounts for 2 credits of Departmental Electives.

Pre-med students should plan to take the MCAT exam in their Junior year. Those taking a preparatory MCAT class should consider dropping their credit load to 12 credits because of the significant time commitment involved. This is best accomplished by taking 3 additional credits in the freshman year.