Colorado State University

SUGGESTED SCHEDULE FOR MICROBIOLOGY MAJORS

COLLEGE OF VETERINARY MEDICINE AND BIOMEDICAL SCIENCES

FRESHMAN YEAR - FALL		FRESHMAN YEAR - SPRING		Cumulative number of credits
CHEM 111 General Chem I	4	Biology Elective	3-5	needed to graduate in 4 yrs
CHEM 112 Gen Chem Lab I	1	CHEM 113 General Chem II	3	
CO 150 Composition	3	CHEM 114 Gen Chem Lab II	1	
LIFE 102 Attrib of Living Systems	4	AUCC Category 2 (Adv Comm)	3	\downarrow
MATH 117, 118, 124, 125	0-4	MATH 155 Calculus	4	•
MIP 192 First Year Seminar	2			Have a minimum of 30 credits
TOTAL CREDITS	14-18	TOTAL CREDITS	14-16	By the end of year 1
SOPHOMORE YEAR – FALL		SOPHOMORE YEAR - SPRING		
CHEM 341 O-Chem I	3	CHEM 343 O-Chem II	3	_
MIP 300 General Micro	3	CHEM 344 O-Chem Lab	1	
MIP 302 Gen Micro Lab	2	STAT 307 Biostatistics	3	\downarrow
Arts/Humanities (Cat 3-B)	3	MIP 342 Immunology	4	▼
Social/Behavioral Sci (Cat 3-C)	3	Historical Perspectives (Cat 3-D)	3	
		Departmental Electives	2	Have a minimum of 60 credits
TOTAL CREDITS	14	TOTAL CREDITS	16	by the end of year 2
JUNIOR YEAR – FALL		JUNIOR YEAR - SPRING		
STUDY ABROAD (Cat 3-E)	12	MIP351 Medical Bacteriology	3	_
[Note other courses may transfer]		PH 122 Physics II	5	
		BC 351 Biochem	4	\downarrow
		Departmental Electives	3	•
		Free Elective (e.g. HES)	1	
TOTAL CREDITS	12	TOTAL CREDITS	15	Have a minimum of 90 credits by the end of year 3
SENIOR YEAR – FALL		SENIOR YEAR - SPRING		
JUNUN ILAN - FALL				
MID 420 Virology	Λ	MID 112 Microbial Dhuc	1	
MIP 420 Virology MIP 450 Genetics	4	MIP 443 Microbial Phys Arts and Humanities (Cat 3-R)	4	1
MIP 450 Genetics	3	Arts and Humanities (Cat 3-B)	3	
MIP 450 Genetics MIP 498 or MIP 400 Capstone	3 2-3	Arts and Humanities (Cat 3-B) Departmental Electives	3	1
MIP 450 Genetics MIP 498 or MIP 400 Capstone Departmental Electives	2-3	Arts and Humanities (Cat 3-B)	3	\
MIP 450 Genetics MIP 498 or MIP 400 Capstone	3 2-3	Arts and Humanities (Cat 3-B) Departmental Electives	3	Have a minimum of 120 credits

In this suggested schedule, MIP192 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.