

College Credit Planner

Bachelor of Science
in Microbiology, Immunology &
Pathology

Minimum of 120 hours required (42 hours must be 300 level or above)

*Credit requirements may vary based on student placement and program details

College Courses

COURSE TITLE	COURSE #	DEGREE REQUIREMENT	CREDITS	SEMESTER
Additional Credits (Transfer/AP Credit and Free Electives)				
Free Electives		Additional Credits	Variable	
Transfer Credit		Additional Credits	Variable	
All University Core Curriculum (AUCC)				
College Composition	CO150	AUCC	3	
Intro to Biostatistics	STAT 307	AUCC	3	
Mathematics	1B	AUCC	3	
Advanced Writing		AUCC	3	
Attributes of Living Systems	LIFE 102	AUCC	4	
General Physics I	PH121	AUCC	5	
General Chemistry I	CHEM 111	AUCC	4	
General Chemistry I Lab	CHEM 112	AUCC	1	
General Chemistry II	CHEM 113	AUCC	3	
General Chemistry II Lab	CHEM 114	AUCC	1	
Organic Chemistry*	CHEM 245 or 341	AUCC		
Organic Chemistry Lab	CHEM 246 or 344	AUCC		
Principles of Biochemistry	BC 351	AUCC	4	
Arts and Humanities	3B	AUCC	3	
Arts and Humanities	3B	AUCC	3	
Social/Behavioral Science	3C	AUCC	3	
Historical Perspectives	3D	AUCC	3	
Global/Cultural Awareness	3E	AUCC	3	
MIP Required Courses				
Eukaryotic Microbiology	MIP 250	MIP Required	3	
The World of Parasites	MIP 260	MIP Required	3	
General Microbiology	MIP 300	MIP Required	3	
General Microbiology Lab	MIP 302	MIP Required	2	
Immunology	MIP 342	MIP Required	4	
Medical Bacteriology	MIP 351	MIP Required	3	
Medical and Molecular Virology	MIP 420	MIP Required	4	
Microbial Physiology or Genetics	MIP 443 or MIP 450	MIP Required	Variable	
Professional Development Seminar	MIP 492	MIP Required	2	
Research Credits	MIP 400 or 498	MIP Required	Variable	
MIP Electives (1 MIP course, 2 MIP labs & 22 total cr. dept. approved electives)**				
MIP Elective Lab	MIP Lab	MIP Elective	Variable	
MIP Elective Lab	MIP Lab	MIP Elective	Variable	
MIP Elective	MIP Elective	MIP Elective	Variable	
Departmental Elective	Departmental Elective	MIP Elective		
Departmental Elective	Departmental Elective	MIP Elective		
Departmental Elective	Departmental Elective	MIP Elective		
Departmental Elective	Departmental Elective	MIP Elective		
Departmental Elective	Departmental Elective	MIP Elective		
Notes				

*Minimum 120

*Students who select CHEM 341 series must complete CHEM 343 as dept. elective
**Maximum of 2 unique variable credit courses allowed as dept. electives (MIP 298, 384, 495, 498)