



MOUNT ST. JOSEPH  
UNIVERSITY

## Biology Major – Bachelor of Science

FIRST YEAR-SEMESTER #1		FIRST YEAR- SEMESTER #2		UNIVERSITY CORE	
BIO 111 Principles of Biology I	4	BIO 112 Principles of Biology II	4	COMMON GOOD	
BIO 111A Prin. of Bio. I Lab	0	BIO 112A Prin. of Bio II Lab	0	CORE 115 Common Ground	Code COR
CORE 115 Common Ground	3	CHE 112 Gen. Chemistry II	3	Justice & the Common Good	Code JCG
COM 100/ENG 101	3	CHE 112A Gen. Chem II Lab	1	Ethics	Code CE
CHE 111 Gen. Chemistry I	3	COM 100/ENG 101	3	Experiential Learning	Code EXP
CHE 111A Gen. Chem I Lab	1	SOC 103 Our Social World	3	Core Capstone	Code CCP
		Core requirement	3	HUMANITIES	
SECOND YEAR-SEMESTER #1		SECOND YEAR-SEMESTER #2		Speech (COM 100)	Code C
BIO 204 Biology Seminar	2	BIO elective	4	Writing (ENG 101)	Code C
BIO elective	4	Expanded Knowledge Req	4	Literature (ENG)	Code CL
Expanded Knowledge Req	4	Core requirement	3	Art or Music	Code CAM
Core requirement	3	Core requirement	3	History	Code CH
Core requirement	3	CED 220 Found. of Professional	1	Religious Studies	Code CR
				Philosophy	Code CP
THIRD YEAR-SEMESTER #1		THIRD YEAR-SEMESTER #2		SCIENCES	
BIO elective	4	BIO elective	4	Biology/Chemistry/Physics + Lab	Code CN
BIO elective	4	BIO elective	4	Mathematics	Code CMA
Core requirement	3	Core requirement	3	SOC 103 Our Social World	Code CS
Core requirement	3	Elective	3	Choose one discipline:	
Core requirement	3	Elective	3	ECO 212 Microeconomics	Code CEP
				PSY 103 Psychology	Code CEP
FOURTH YEAR-SEMESTER #1		FOURTH YEAR-SEMESTER #2		NOTES	
BIO elective	4	Core Capstone	3	Prerequisites:	
Core requirement	3	Elective	3	Chemistry- College preparatory high school chemistry or the successful completion of a placement test.	
Elective	3	Elective	3	Math- Three years of college preparatory high school mathematics including functions.	
Elective	3	Elective	3	*Students must have an appropriate math placement before enrolling in MTH 193 and CHE 111.	
<i>Examples of BIO electives:</i>		<i>Examples of Expanded Knowledge Requirements:</i>		120 credit hours minimum needed to graduate	
Aquatic Biology		Physics		**Curriculum Guide does not replace advisement by a faculty member within the Biology program**	
Ecology		Organic Chemistry			
Animal Behavior		Biochemistry			
Microbiology		Biological Forensics			
Plagues and Parasites		Physical/Chemical Forensics			
Cell Biology		Instrumental Analysis			
Genetics		Toxicology			
Evolution		Musculoskeletal Anatomy			
Entomology		Advanced Anatomy			
Biotechnology		Pathophysiology			
		Or Additional Biology Courses			