



MOUNT ST. JOSEPH
UNIVERSITY

Biomedical Sciences Major (Pre-Chiropractic/Pre-Med/Pre-Podiatry) – 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
BIO 111R Prin. of Bio Recitation	0	CHE 112 Gen. Chemistry II	3	Justice & the Common Good	Code JCG
CHE 111 Gen. Chemistry I	3	CHE 112A Gen. Chem. II Lab	1	Ethics	Code CE
CHE 111A Gen. Chemistry I Lab	1	CHE 112R Gen. Chem II Rec	0	Experiential Learning	Code EXP
CHE 111R Gen. Chem I Rec	0	COM 100/ ENG 101	3	Core Capstone	Code CCP
CORE 115 Common Ground	3	SOC 103 Our Social World	3	HUMANITIES	
COM 100/ENG 101	3	Core requirement	3	Speech (COM 100)	Code C
SECOND YEAR-SEMESTER #1		SECOND YEAR-SEMESTER #2		Writing (ENG 101)	Code C
CHE 211 Organic Chemistry I	3	CHE 212 Organic Chemistry II	3	Literature (ENG)	Code CL
CHE 211A Organic Chem I Lab	1	CHE 212A Organic Chem II Lab	1	Art or Music	Code CAM
BIO 204 Biology Seminar	2	BIO elective	4	History	Code CH
MTH 187 Precalculus & Trig	4	MTH 174 Statistics	3	Religious Studies	Code CR
Core requirement	3	CED 220 Found. Of Professional	1	Philosophy	Code CP
Core requirement	3	Core requirement	3	SCIENCES	
THIRD YEAR-SEMESTER #1		THIRD YEAR-SEMESTER #2		Biology/Chemistry/Physics + Lab	Code CN
CHE 325 Biochemistry I	3	PHY 202 Physics II	3	Mathematics	Code CMA
CHE 325A Biochemistry I Lab	1	PHY 202A Physics II Lab	1	SOC 103 Our Social World	Code CS
PHY 201 Physics I	3	BIO elective	4	Choose one discipline:	
PHY 201A Physics I Lab	1	BIO elective	4	ECO 212 Microeconomics	Code CEP
BIO elective	4	Core requirement	3	PSY 103 Psychology	Code CEP
Core requirement	3	FOURTH YEAR-SEMESTER #2		NOTES	
FOURTH YEAR-SEMESTER #1		Core Capstone	3	Prerequisites:	
BIO elective	4	BIO elective	4	Chemistry- College preparatory high school chemistry or the successful completion of a placement test.	
Core requirement	3	BIO elective	4	Math- Three years of college preparatory high school mathematics including functions.	
Core requirement	3	Elective	3	120 credit hours minimum needed to graduate	
Core requirement	3			**Curriculum Guide does not replace advisement by a faculty member within the Biology program**	
Core requirement	3				
Examples of BIO electives:					
Anatomy and Physiology					
Aquatic Biology					
Ecology					
Animal Behavior					
Microbiology					
Plagues and Parasites					
Cell Biology					
Genetics					
Evolution					
Entomology					
Biotechnology					