



MOUNT ST. JOSEPH
UNIVERSITY

Biomedical Sciences Major - Pre-Medical – 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	BNS 100 Introductory Seminar 1	Core Capstone Code CCP
CORE 115 Common Ground 3	COM 100/ ENG 101 3	HUMANITIES
COM 100/ENG 101 3	SOC 103 Our Social World 3	Speech (COM 100) Code C
	Core requirement 3	Writing (ENG 101) Code C
		Literature (ENG) Code CL
		Art or Music Code CAM
		History Code CH
		Religious Studies Code CR
		Philosophy Code CP
		SCIENCES
		Biology/Chemistry/Physics + Lab Code CN
		Mathematics Code CMA
		SOC 103 Our Social World Code CS
		Choose one discipline:
		ECO 212 Microeconomics Code CEP
		PSY 103 Psychology Code CEP
SECOND YEAR-SEMESTER #1	SECOND YEAR-SEMESTER #2	NOTES
CHE 211 Organic Chemistry I 3	CHE 212 Organic Chemistry II 3	Prerequisites:
CHE 211A Organic Chem I Lab 1	CHE 212A Organic Chem II Lab 1	Chemistry- College preparatory high school chemistry or the successful completion of a placement test
CED 220 Found. of Professional 1	BNS 200 Intermediate Seminar 1	Math- Three years of college preparatory high school mathematics including functions
MTH 187 Precalculus & Trig 4	BIO elective 4	
Core requirement 3	MTH 174 Statistics 3	120 credit hours minimum needed to graduate
Core requirement 3	Core requirement 3	**Curriculum Guide does not replace advisement by a faculty member within the Biology program**
THIRD YEAR-SEMESTER #1	THIRD YEAR-SEMESTER #2	
CHE 325 Biochemistry I 3	PHY 202 Physics II 3	
CHE 325A Biochemistry I Lab 1	PHY 202A Physics II Lab 1	
PHY 201 Physics I 3	BIO elective 4	
PHY 201A Physics I Lab 1	BIO elective 4	
BIO elective 4	Core requirement 3	
Core requirement 3		
FOURTH YEAR-SEMESTER #1	FOURTH YEAR-SEMESTER #2	
BIO elective 4	Core Capstone 3	
Core requirement 3	BIO elective 4	
Core requirement 3	BIO elective 4	
Core requirement 3	BNS 300 Advanced Seminar 1	
Core requirement 3	Elective 3	

Examples of BIO electives:

- Anatomy and Physiology
- Aquatic Biology
- Ecology
- Animal Behavior
- Microbiology
- Plagues and Parasites
- Cell Biology
- Genetics
- Evolution
- Entomology
- Biotechnology