



BIOLOGY

A major in biology blends knowledge of basic scientific processes with an appreciation of the phenomenon of life. State-of-the-art equipment and instrumentation provide unique research opportunities not typically found in a smaller college setting. The program prepares you to enter graduate or professional school to pursue scientific research, medicine, dentistry, physical therapy, physician assistant studies, nursing, and veterinary medicine, or seek employment in the biological sciences directly after graduation.



SCAN TO FIND:

- Featured courses.
- Program requirements and more!

BEYOND THE CLASSROOM

HANDS-ON EXPERIENCE

Biology students hold co-op positions in research and diagnostic laboratories, product manufacturing and testing, hospitals, physical therapy clinics, and more. Students may engage in individualized research with a faculty mentor or in an off-campus research program internship. Student research projects have culminated in publications and award-winning presentations at regional and national conferences.



FURTHER YOUR EDUCATION

Take your Bachelor of Science in Biology degree and pursue graduate studies to become a veterinarian, physical therapist, and more. Students interested in preparing for a career in health care at the graduate level are encouraged to contact the Health Professions Advising Committee (hpac@msj.edu).

AFFORDABLE EDUCATION

THE MOUNT OFFERS UP TO
\$22,000
 IN MERIT SCHOLARSHIPS

To see eligibility requirements and other available scholarships, visit www.msj.edu/scholarships.

CAREERS IN BIOLOGY

ENVIRONMENTAL EDUCATOR

EPIDEMIOLOGIST

HIGH SCHOOL BIOLOGY TEACHER

LABORATORY DIRECTOR

MEDICAL DOCTOR

RESEARCH SCIENTIST

ALUMNI SUCCESS

100%
 CAREER OUTCOMES RATE

100% of 2022 School of Behavioral & Natural Sciences graduates were successfully employed, enrolled in graduate studies, or volunteering within six months of graduation. The knowledge rate for this survey was 74%.



MOUNT ST. JOSEPH UNIVERSITY®

SCHOOL OF BEHAVIORAL & NATURAL SCIENCES

Office of Admission
 513-244-4531 | 800-654-9314
www.msj.edu | admission@msj.edu

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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
CHE 111 Gen. Chemistry I 3	CHE 112 Gen. Chemistry II 3	Justice & the Common Good Code JCG
CHE 111A Gen. Chem. I Lab 1	CHE 112A Gen. Chem. II Lab 1	Ethics Code CE
CORE 115 3	COM 100/ ENG 101 3	Experiential Learning Code EXP
COM 100/ENG 101 3	SOC 103 3	Core Capstone Code CCP
	Core requirement 3	HUMANITIES
		Speech (COM 100) Code C
		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
BIO 204 Biology Seminar 2	BIO elective 4	Prerequisites:
BIO elective 4	Expanded Knowledge Req 4	Chemistry- College preparatory high school chemistry or the successful completion of a placement test.
Expanded Knowledge Req 4	Core requirement 3	Math- Three years of college preparatory high school mathematics including functions.
Core requirement 3	Core requirement 3	*Students must have an appropriate math placement before enrolling in MTH 193 and CHE 111.
Core requirement 3		120 credits hours minimum needed to graduate.
		Curriculum Guide does not replace advisement by a faculty member within the Biology program.
THIRD YEAR-SEMESTER #1	THIRD YEAR-SEMESTER #2	
BIO elective 4	BIO elective 4	
BIO elective 4	BIO elective 4	
Core requirement 3	Elective 3	
Core requirement 3	Elective 3	
Elective 3	Core requirement 3	
FOURTH YEAR-SEMESTER #1	FOURTH YEAR-SEMESTER #2	
BIO elective 4	Core Capstone 3	
Core requirement 3	Elective 3	
Elective 3	Elective 3	
Elective 3	Elective 3	
<i>Examples of BIO electives:</i>	<i>Examples of Expanded Knowledge Requirements:</i>	
Anatomy and Physiology	Physics	
Aquatic Biology	Organic Chemistry	
Ecology	Biochemistry	
Animal Behavior	Biological Forensics	
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	

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MOUNT ST. JOSEPH UNIVERSITY®

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The University has designated the Title IX Coordinator, (513) 244-4467, as the individual responsible for responding to inquiries, addressing complaints, and coordinating compliance with its responsibilities under Title IX of the Education Amendments of 1972 and other related federal and state civil rights laws. The University has designated the Director of Human Resources/Equal Opportunity Officer, (513) 244-4979, as the individual responsible for responding to inquiries, issues, or complaints relating to discriminatory, harassing, or retaliatory conduct related to race, color, national origin, religion, age, disability, or any other legally protected status. The University has designated the Associate Provost for Academic Affairs, (513) 244-4614, as the individual responsible for responding for addressing formal complaints regarding compliance with its responsibilities under Section 504 of the Rehabilitation Act of 1973. 09-WO-001842/21/750