



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

PRESIDENT'S SCHOLARSHIP
FULL TUITION & FEES

DEAN'S SCHOLARSHIP
up to \$24,000/year

MERIT SCHOLARSHIPS
up to \$22,000/year

President's and Dean's scholarships are competitively awarded to high school seniors (class of 2023). To be eligible for consideration, you must apply by December 1, 2022. Merit scholarships are awarded based on high school GPA. For more information 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 2021 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 85%.



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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Chair, Department of Biology
Assistant Professor of Biology
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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
		NOTES
		Prerequisites:
		Chemistry- College preparatory high school chemistry or the successful completion of a placement test.
		Math- Three years of college preparatory high school mathematics including functions.
		*Students must have an appropriate math placement before enrolling in MTH 193 and CHE 111.
		120 credits hours minimum needed to graduate.
		Curriculum Guide does not replace advisement by a faculty member within the Biology program.
SECOND YEAR-SEMESTER #1	SECOND YEAR-SEMESTER #2	
BIO 204 Biology Seminar 2	BIO elective 4	
BIO elective 4	Expanded Knowledge Req 4	
Expanded Knowledge Req 4	Core requirement 3	
Core requirement 3	Core requirement 3	
Core requirement 3		
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	Physical/Chemical Forensics	
Plagues and Parasites	Instrumental Analysis	
Cell Biology	Toxicology	
Genetics	Musculoskeletal Anatomy	
Evolution	Advanced Anatomy	
Entomology	Pathophysiology	
Biotechnology	Or Additional Biology Courses	

Updated_05.26.2022



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