

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).

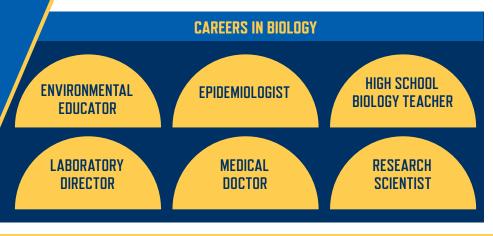
AFFORDABLE EDUCATION

THE MOUNT OFFERS UP TO

\$22,000

IN MERIT SCHOLARSHIPS

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



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

Maria Brown, Ph.D.

Chair, Department of Biology Assistant Professor of Biology maria.brown@msj.edu

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
SECOND YEAR-SEMESTER #1		SECOND YEAR-SEMESTI	ER #2	Writing (ENG 101)	Code C
BIO 204 Biology Seminar	2	BIO elective	4	Literature (ENG)	Code CL
BIO elective	4	Expanded Knowledge Req	4	Art or Music	Code CAM
Expanded Knowledge Req	4	Core requirement	3	History	Code CH
Core requirement	3	Core requirement	3	Religious Studies	Code CR
Core requirement	3	1		Philosophy	Code CP
1				SCIENCES	2000 21
THIRD YEAR-SEMESTER #1		THIRD YEAR-SEMESTER #2		Biology/Chemistry/Physics + Lab Code CN	
BIO elective	4	BIO elective	4	Mathematics	Code CMA
BIO elective	4	BIO elective	4	SOC 103 Our Social World	Code CS
Core requirement	3	Elective	3	See 103 our seem wend	2040 25
Core requirement	3	Elective	3	Choose one discipline:	
Elective	3	Core requirement	3	ECO 212 Microeconomics	Code CEP
2,000				PSY 103 Psychology	Code CEP
FOURTH YEAR-SEMESTER #1		FOURTH YEAR-SEMESTER #2		131 103 I Sychology	Code CEI
BIO elective 4		Core Capstone 3		<u>NOTES</u>	
Core requirement	3	Elective	3	D	
Elective	3	Elective	3	Prerequisites:	
Elective	3	Elective	3	Chemistry- College preparatory high school	
Electro	2			chemistry or the successful co	mpletion of a
Examples of BIO electives:		Examples of Expanded Knowledge		placement test.	
Anatomy and Physiology		Requirements:		Math- Three years of college preparatory	
Aquatic Biology		Physics Physics		high school mathematics including	
Ecology		Organic Chemistry		functions.	
Animal Behavior		Biochemistry		*Students must have an appropriate math placement before enrolling in MTH 193 and	
Microbiology		Biological Forensics			
Plagues and Parasites		Physical/Chemical Forensics		CHE 111.	
Cell Biology		Instrumental Analysis			
Genetics		Toxicology		120 credits hours minimum needed to	
Evolution		Musculoskeletal Anatomy		graduate.	
Entomology		Advanced Anatomy			_
Biotechnology		Pathophysiology		**Curriculum Guide does not replace	
Diocemiology		Or Additional Biology Courses		advisement by a faculty member within the	
		Additional Diology Courses		Biology program.**	

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The University is attrieux, programs and other University-administered programs, services, and activities.

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 protects 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