



# NATURAL SCIENCES

Students in the Natural Sciences major can choose from a wide range of courses to complete their degree. This flexibility is often helpful for students who have already earned a significant number of college credits. This flexibility also allows students to pursue many different career goals. Graduates of the program often work in a research or industrial setting. The Natural Sciences major is also excellent preparation for students who intend to pursue graduate programs in business, education, or the health sciences.



### SCAN TO FIND:

- Featured courses.
- Program requirements and more!

## BEYOND THE CLASSROOM

### HANDS-ON EXPERIENCE

Cooperative education provides real-world experience in industrial, research, and healthcare settings in Greater Cincinnati. These experiences have often led to full-time positions.



### FURTHER YOUR EDUCATION

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](mailto:hpac@msj.edu)).

## AFFORDABLE EDUCATION

# \$5,000

### SCHMIDLAPP SCHOLARSHIP

Open to women majoring in biology, chemistry, computer science, or math. Based on academic talent and location. The deadline to apply is January 31. Download an application at [www.msj.edu/aid-forms](http://www.msj.edu/aid-forms).

## CAREERS IN NATURAL SCIENCES

LAB TECHNICIAN

NURSE

PHYSICAL  
THERAPIST

PHYSICIAN  
ASSISTANT

SCIENTIFIC/  
BIOMEDICAL SALES

TEACHER

## 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](http://www.msj.edu) | [admission@msj.edu](mailto:admission@msj.edu)

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# NATURAL SCIENCES MAJOR - BACHELOR OF SCIENCE

FIRST YEAR-SEMESTER #1	FIRST YEAR- SEMESTER #2	UNIVERSITY CORE
BIO 101 Intro to Biology or 111/111A Princ. of Bio. w/lab 4	Major Expanded Knowledge 4	COMMON GOOD
MTH 174* Statistics 3	COM 100/ ENG 101 3	CORE 115 Common Ground Code COR
COM 100/ ENG 101 3	Core requirement 3	Justice & the Common Good Code JCG
CORE 115 3	Core requirement 3	Ethics Code CE
SOC 103 3	Core requirement 3	Experiential Learning Code EXP
		Core Capstone Code CCP
SECOND YEAR-SEMESTER #1	SECOND YEAR-SEMESTER #2	HUMANITIES
CHE 111^ General Chemistry or 104^ Gen, Org. & Biochem 3	Major Expanded Knowledge 4	Speech (COM 100) Code C
CHE 111A Gen. Chem Lab or 104A Gen, Org, Biochem Lab 1	Core requirement 3	Writing (ENG 101) Code C
CED 220 Found. of Professionalism 1	Core requirement 3	Literature (ENG) Code CL
Major Expanded Knowledge 4	Elective 3	Art or Music Code CAM
Core requirement 3	Elective 3	History Code CH
Elective 3		Religious Studies Code CR
		Philosophy Code CP
THIRD YEAR-SEMESTER #1	THIRD YEAR-SEMESTER #2	SCIENCES
PHY 105 Physical Science or 201/201A Gen Physics w/lab 4	Major Expanded Knowledge 4	Biology/Chemistry/Physics + Lab Code CN
Core requirement 3	Core requirement 3	Mathematics Code CMA
Core requirement 3	Core requirement 3	SOC 103 Our Social World Code CS
Elective 3	Elective 3	
Elective 3	Elective 3	Choose one discipline:
		ECO 212 Microeconomics Code CEP
		PSY 103 Psychology Code CEP
FOURTH YEAR-SEMESTER #1	FOURTH YEAR-SEMESTER #2	NOTES
Major Expanded Knowledge <sup>#</sup> 4	Major Expanded Knowledge <sup>#</sup> 4	^Prerequisites:
Elective 3	CHE 401 Nat. Sciences Seminar 1	Chemistry- College preparatory high school chemistry or the successful completion of a placement test.
Elective 3	Core Capstone 3	Math- Three years of college preparatory high school mathematics including functions.
Elective 3	Elective 3	#8 hours of Major Expanded Knowledge must be 300-level.
	Elective 3	*Must have appropriate math placement.
		A minor is required with the Natural Sciences major.
		120 credits hours minimum needed to graduate.
		**Curriculum Guide does not replace advisement by a faculty member within the Natural Sciences program.**



**MOUNT ST. JOSEPH UNIVERSITY**®

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The University has designated the Vice President of Compliance Risk and Legal Affairs/General Counsel/Title IX Coordinator, (513) 244-4393, 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 Chief Human Resources 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, veteran status 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-002425/23/550