



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.

\$5,000

SCHIDLAPP SCHOLARSHIP

Open to incoming freshmen 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 msj.edu/aid-forms.

98.9%

CAREER OUTCOMES RATE

98.9 percent of School of Art & Sciences graduates were successfully employed, enrolled in graduate studies, or volunteering within six months of graduation.

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 work with their academic advisor to identify a career path that aligns with their goals.

CAREERS IN NATURAL SCIENCES

LAB
TECHNICIAN

NURSE

PHYSICAL
THERAPIST

PHYSICIAN
ASSISTANT

SCIENTIFIC/
BIOMEDICAL
SALES

TEACHER



SCAN TO FIND:

- Featured courses
- Program requirements and more!



MOUNT ST. JOSEPH UNIVERSITY®

SCHOOL OF ARTS & SCIENCES

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

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Professor and Chair
Department of Biomedical and Natural Sciences
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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 BIO 111/111A Prin. of Bio. + lab		Major Expanded Knowledge		COMMON GOOD	
4		COM 100/ ENG 101		CORE 115 Common Ground	Code COR
BIO 111R Prin. of Bio I Recitation		Core requirement		Justice & the Common Good	Code JCG
0		Core requirement		Ethics	Code CE
MTH 174* Statistics		Core requirement		Experiential Learning	Code EXP
3		Core requirement		Core Capstone	Code CCP
COM 100/ ENG 101				HUMANITIES	
3				Speech (COM 100)	Code C
CORE 115 Common Ground				Writing (ENG 101)	Code C
3				Literature (ENG)	Code CL
SOC 103 Our Social World				Art or Music	Code CAM
3				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 111^ General Chemistry or 104^ Gen, Org. & Biochem		Major Expanded Knowledge		^Prerequisites:	
3		Core requirement		Chemistry- College preparatory high school chemistry or the successful completion of a placement test	
CHE 111A Gen. Chem Lab or 104A Gen, Org, Biochem Lab 1		Core requirement		Math- Three years of college preparatory high school mathematics including functions	
1		Elective		#8 hours of Major Expanded Knowledge must be 300-level	
CHE 111R Gen. Chem Recitation or 104R Gen, Org Rec		Elective		*Must have appropriate math placement	
0				A minor is required with the Natural Sciences major	
Major Expanded Knowledge				120 credit hours minimum needed to graduate	
4				**Curriculum Guide does not replace advisement by a faculty member within the Natural Sciences program**	
CED 220 Found. of Professional					
1					
Core requirement					
3					
Elective					
3					
THIRD YEAR-SEMESTER #1		THIRD YEAR-SEMESTER #2			
PHY 105 Physical Science or PHY 201/201A Gen Physics + lab		Major Expanded Knowledge			
4		Core requirement			
Core requirement		Core requirement			
3		Elective			
Core requirement		Elective			
3					
Elective					
3					
Elective					
3					
FOURTH YEAR-SEMESTER #1		FOURTH YEAR-SEMESTER #2			
Major Expanded Knowledge [#]		Major Expanded Knowledge [#]			
4		CHE 401 Nat. Sciences Seminar			
Elective		Core Capstone			
3		Elective			
Elective		Elective			
3					
Elective					
3					

Approved by EJ on 06.12.2026



**MOUNT ST. JOSEPH
UNIVERSITY®**

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Mount St. Joseph University ("the University") is committed to providing an educational and employment environment free from discrimination or harassment on the basis of race, color, national origin, religion, sex, age, disability, sexual orientation, gender identity, veteran status or other minority or protected status. This commitment extends to the University's administration of its admission, financial aid, employment, and academic policies, as well as the University's athletic programs and other University-administered programs, services, and activities.

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-003075