



# NATURAL SCIENCES

Students majoring in Natural Sciences can take a wide range of courses in chemistry, biology, geology, and physics. This major is excellent preparation for students who intend to pursue graduate programs in the health sciences, such as a Master of Science in Nursing degree.



## 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

**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](http://www.msj.edu/scholarships).

## CAREERS IN NATURAL SCIENCES

FORENSIC  
SCIENTIST

LAB TECHNICIAN

NURSE

PHYSICAL  
THERAPIST

PHYSICIAN  
ASSISTANT

QUALITY  
CONTROL CHEMIST

## 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](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		Major Expanded Knowledge		COMMON GOOD	
MTH 174* Statistics		COM 100/ ENG 101		CORE 115 Common Ground	Code COR
COM 100/ ENG 101		Core requirement		Justice & the Common Good	Code JCG
CORE 115		Core requirement		Ethics	Code CE
SOC 103		Core requirement		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		Major Expanded Knowledge		Speech (COM 100)	Code C
CHE 111A Gen. Chem Lab or 104A Gen. Org. Biochem Lab 1		Core requirement		Writing (ENG 101)	Code C
CED 220 Found. of Professionalism 1		Core requirement		Literature (ENG)	Code CL
Major Expanded Knowledge		Elective		Art or Music	Code CAM
Core requirement		Elective		History	Code CH
Elective				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		Major Expanded Knowledge		Biology/Chemistry/Physics + Lab	Code CN
Core requirement		Core requirement		Mathematics	Code CMA
Core requirement		Elective		SOC 103 Our Social World	Code CS
Elective		Elective		Choose one discipline:	
Elective				ECO 212 Microeconomics	Code CEP
				PSY 103 Psychology	Code CEP
FOURTH YEAR-SEMESTER #1		FOURTH YEAR-SEMESTER #2		NOTES	
Major Expanded Knowledge <sup>#</sup>		Major Expanded Knowledge <sup>#</sup>		^Prerequisites:	
Elective		CHE 401 Nat. Sciences Seminar		Chemistry- College preparatory high school chemistry or the successful completion of a placement test.	
Elective		Core Capstone		Math- Three years of college preparatory high school mathematics including functions.	
Elective		Elective		#8 hours of Major Expanded Knowledge must be 300-level.	
		Elective		*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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