



# SOCIAL COMPUTING

Social computing, an expanding field in computer science, focuses on solving human problems through technology. The Social Computing degree combines the study of linguistics, computer science, artificial intelligence, and social science research to support graduates in creating technological solutions to real-world problems in their fields. Students who pursue a major in Social Computing must complete a double major. Blending a social computing degree with another undergraduate degree offers students an enhanced, interdisciplinary understanding of what data language is and how it can be used to meet the demands of today's world—enabling them to make an even bigger impact with their career.



### SCAN TO FIND:

- Featured courses.
- Program requirements and more!

## BEYOND THE CLASSROOM

### HANDS-ON EXPERIENCE

Students in the cTe Scholars Program have an exclusive opportunity to co-op as paid cTe support scholars and IT interns, working directly with industry partners through CITE, INC to create apps, chatbots, and other technical solutions that solve real-world problems. Students are also able to work with faculty and staff on academic research efforts. This hands-on experience enables students to explore their interests and hone their skills for the workforce and graduate studies.



### COHORT-BASED LEARNING

The program's cohort-based model allows students to take Social Computing courses with the same group of students. This learning model offers students opportunities to form connections with others and receive support from peers.



## AFFORDABLE EDUCATION

# Choose Ohio First

## cTe SCHOLARSHIPS UP TO \$8,000

Available to Ohio residents only.  
Email [cite@msj.edu](mailto:cite@msj.edu) or text/call 513-999-2422 for more information.

## CAREERS IN SOCIAL COMPUTING

AI ARCHITECTURE

APP DEVELOPMENT & WEB DESIGN

APPLIED RESEARCH SCIENCE

DATA SCIENCE

PROJECT MANAGEMENT

USER EXPERIENCE DESIGN (UX/UI)

## 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)

Rebecca Allen, Ph.D.  
Director, cTe Scholars Program  
Assistant Professor  
[cite@msj.edu](mailto:cite@msj.edu) | 513-999-2422 (call or text)

# SOCIAL COMPUTING - BACHELOR OF SCIENCE

| FIRST YEAR-SEMESTER #1  | FIRST YEAR- SEMESTER #2                              | UNIVERSITY CORE   |
|---|--|---|
| NLP 105 Introduction to Linguistics for Computer Scientists 3               | NLP 125 Introduction to Language & Computers 3       | <b>COMMON GOOD</b>  |
| NLP 106 Introduction to Secondary Research Methods 3                        | NLP 126 Introduction to Primary Research Methods 3   | CORE 115 Common Ground Code COR   |
| COM 100/ENG 101 3   | MTH 165# Hacking Math: A Tech-Based Survey of Math 3 | Justice & the Common Good Code JCG  |
| CORE 115 3  | COM 100/ ENG 101 3                                   | Ethics Code CE  |
| Core requirement 3  | Core requirement 3                                   | Experiential Learning Code EXP  |
|   |  | Core Capstone Code CCP  |
|   |  | <b>HUMANITIES</b>   |
|   |  | 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  |
|   |  | <b>SCIENCES</b>   |
|   |  | 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   |
|   |  | <b>NOTES</b>  |
|   |  | ^CED 220 required for cooperative education option  |
|   |  | 120 credits hours minimum needed to graduate.   |
|   |  | #MTH 165 Hacking Math: A Tech- Based Survey of Math is recommended  |
|   |  | NLP courses other than NLP 105, NLP 106, NLP 125, and NLP 126 may be substituted for more advanced courses with permission.   |
|   |  | Adding a second major is required. Major of Liberal Arts, Communications & New Media Studies, or Behavioral Sciences are recommended. Other majors may require additional time to degree. Students cannot double major in Computer Science: Social Computing and Computer Science: Application Development. |
|   |  | **Curriculum Guide does not replace advising by a faculty member within the Computing department.**   |
| SECOND YEAR-SEMESTER #1   | SECOND YEAR-SEMESTER #2                              |   |
| NLP 120 Principles of NLP Programming I 3                                   | NLP 221 Principles of NLP Programming II 3           |   |
| Course for second major 3   | Course for second major 3                            |   |
| Course for second major 3   | Core requirement 3                                   |   |
| SOC 103 3   | Core requirement 3                                   |   |
| Core requirement 3  | Core requirement 3                                   |   |
| CED 220^ 1  | Core requirement 3                                   |   |
| THIRD YEAR-SEMESTER #1  | THIRD YEAR-SEMESTER #2                               |   |
| NLP 230 Applications of Database & Design Development for NLP Programming 3 | NLP 250 Web Fundamentals & NLP Programming 3         |   |
| Core science requirement 4  | Course for second major 3                            |   |
| Course for second major 3   | Course for second major 3                            |   |
| Course for second major 3   | Course for second major 3                            |   |
| Course for second major 3   | Course for second major 3                            |   |
| FOURTH YEAR-SEMESTER #1   | FOURTH YEAR-SEMESTER #2                              |   |
| NLP 350 Applied Social Computing 3  | Core Capstone 3                                      |   |
| Course for second major 3   | Course for second major 3                            |   |
| Course for second major 3   | Course for second major 3                            |   |
| Core requirement 3  | Course for second major 3                            |   |
| Core requirement 3  | Core requirement 3                                   |   |

Updated 05.01.23



**MOUNT ST. JOSEPH UNIVERSITY®**

5701 Delhi Road  
Cincinnati, Ohio 45233-1670  
513-244-4200  
[www.msj.edu](http://www.msj.edu)

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-002425/23/800