



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 can pursue a double major in Social Computing and any other major. Blending a computer science degree with a liberal arts degree or another science 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.



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, working directly with industry partners to create apps 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

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.

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 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 | admission@msj.edu

Center for IT Engagement (cTe)
513-452-6081 (call or text)
cite@msj.edu

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	COMMON GOOD
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
		HUMANITIES
SECOND YEAR-SEMESTER #1	SECOND YEAR-SEMESTER #2	Speech (COM 100) Code C
NLP 120 Principles of NLP Programming I 3	NLP 221 Principles of NLP Programming II 3	Writing (ENG 101) Code C
Course for second major, if chosen Or elective 3	Course for second major, if chosen Or elective 3	Literature (ENG) Code CL
Course for second major, if chosen Or elective 3	Core requirement 3	Art or Music Code CAM
SOC 103 3	Core requirement 3	History Code CH
Core requirement 3	Core requirement 3	Religious Studies Code CR
CED 220^ 1	Core requirement 3	Philosophy Code CP
		SCIENCES
THIRD YEAR-SEMESTER #1	THIRD YEAR-SEMESTER #2	Biology/Chemistry/Physics + Lab Code CN
NLP 230 Applications of Database & Design Development for NLP Programming 3	NLP 250 Web Fundamentals & NLP Programming 3	Mathematics Code CMA
Core science requirement 4	Course for second major, if chosen Or elective 3	SOC 103 Our Social World Code CS
Course for second major, if chosen Or elective 3	Course for second major, if chosen Or elective 3	
Course for second major, if chosen Or elective 3	Course for second major, if chosen Or elective 3	Choose one discipline:
Course for second major, if chosen Or elective 3	Course for second major, if chosen Or elective 3	ECO 212 Microeconomics Code CEP
Course for second major, if chosen Or elective 3	Course for second major, if chosen Or elective 3	PSY 103 Psychology Code CEP
Core requirement 3	Core requirement 3	NOTES
FOURTH YEAR-SEMESTER #1	FOURTH YEAR-SEMESTER #2	^CED 220 required for cooperative education option
NLP 270 Creating NLP-Driven Mobile Applications 3	Core Capstone 3	120 credits hours minimum needed to graduate.
NLP 350 Applied Social Computing 3	Course for second major, if chosen Or elective 3	#MTH 165 Hacking Math: A Tech- Based Survey of Math is recommended
Course for second major, if chosen Or elective 3	Course for second major, if chosen Or elective 3	NLP courses other than NLP 105, NLP 106, NLP 125, and NLP 126 may be substituted for more advanced courses with permission.
Course for second major, if chosen Or elective 3	Course for second major, if chosen Or elective 3	Students enrolled in both Computer Science – Social Computing and Computer Science - Development will substitute NLP 120, 221, 230, 250, and 270 for INF sections.
Core requirement 3	Core requirement 3	Adding a second major is encouraged. Major of Liberal Arts, Communications & New Media Studies, or Behavioral Sciences are recommended. Other majors may require additional time to degree.
		Curriculum Guide does not replace advising by a faculty member within the Computing department.



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, 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 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 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-001842/21/600