

COMPUTER SCIENCE CONCENTRATION

Bachelor of Multidisciplinary Studies, Concentration Required - Computer Science Concentration Requirements

Code	Title	Credits
GENERAL EDUCATION REQUIREMENTS - 34 Hours Required		
Minimum of "C-" required		
Fundamental Skills		15
Writing – 6 hrs.		
ENGL 1150	ENGLISH COMPOSITION I	
ENGL 1160	COLLEGE RESEARCH AND INFORMATION LITERACY	
Oral Communication – 3 hrs.		
CMST 1110	PUBLIC SPEAKING FUNDS	
or CMST 2120	ARGUMENTATION AND DEBATE	
Quantitative Literacy – 3 hrs.		
MATH 1120	INTRODUCTION TO MATHEMATICAL AND COMPUTATIONAL THINKING	
or MATH 1130	QUANTITATIVE LITERACY	
or MATH 1140	QUANTITATIVE REASONING FOR HEALTHCARE PROFESSIONALS	
or MATH 1300	COLLEGE ALGEBRA WITH SUPPORT	
Data Literacy – 3 hrs.		
Select one from the following:		
STAT 1100	DATA LITERACY AND VISUALIZATION	
STAT 1530	ELEMENTARY STATISTICS	
Until Fall 2028, students can satisfy this requirement with an approved data literacy course, or any approved natural or social science general education course.		
Breadth of Knowledge		13
Social Science – 3 hrs.		
Humanities – 3 hrs.		
Natural & Physical Science (must complete a lab) – 4 hrs.		
Arts – 3 hrs.		
Individual and Social Responsibility		6
Cultural Knowledge – 3 hrs.		
Civic Knowledge and Engagement – 3 hrs.		
MAJOR REQUIREMENTS - 51 Hours Required		
**Course will satisfy UNO's General Education requirement		
^Course requires pre-requisite(s)		
All of the following		6
MLTI 3000	MULTIDISCIPLINARY FOUNDATIONS SEMINAR (^)	
MLTI 4000	MULTIDISCIPLINARY CAPSTONE SEMINAR (^)	
Computer Science Concentration Requirements – 30 Hours		
All of the following		18
CIST 1400	INTRODUCTION TO COMPUTER SCIENCE I (^)	

CSCI 1620	INTRODUCTION TO COMPUTER SCIENCE II (^)	
CSCI 2030	MATHEMATICAL FOUNDATIONS OF COMPUTER SCIENCE (^)	
or MATH 2030	DISCRETE MATHEMATICS	
CSCI 3320	DATA STRUCTURES (^)	
CSCI 4830	INTRODUCTION SOFTWARE ENGINEERING (^)	
MATH 1930	CALCULUS FOR THE MANAGERIAL, LIFE, AND SOCIAL SCIENCES (^)	
or MATH 1950	CALCULUS I	
Additional hours of coursework from the Department of Computer Science (CSCI), 6 of the 12 hours must be upper division (3000-4000 level) coursework		12
Required third content block		15
ELECTIVES		
Elective hours as required to reach a total of 120 hours		