

COMPUTER SCIENCE CONCENTRATION

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

Code	Title	Credits
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GENERAL EDUCATION REQUIREMENTS - 46 Hours Required

Minimum of "C-" required

Fundamental Academic Skills 15

ENGL 1150	ENGLISH COMPOSITION I
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ENGL 1160	ENGLISH COMPOSITION II
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Writing in the Discipline Course

CMST 1110	PUBLIC SPEAKING FUNDS
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or CMST 2120	ARGUMENTATION AND DEBATE
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MATH 1120	INTRODUCTION TO MATHEMATICAL AND COMPUTATIONAL THINKING
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or MATH 1100	DATA LITERACY AND VISUALIZATION
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or MATH 1130	QUANTITATIVE LITERACY
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or MATH 1140	QUANTITATIVE REASONING FOR HEALTHCARE PROFESSIONALS
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or MATH 1300	COLLEGE ALGEBRA WITH SUPPORT
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or STAT 1100	DATA LITERACY AND VISUALIZATION
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or STAT 1530	ELEMENTARY STATISTICS
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Distribution Requirements 31

Natural Science - From two disciplines and one lab - 7 hrs

Social Science - From two disciplines - 9 hrs

Humanities and Fine Arts - From two disciplines - 9 hrs

Global Diversity - 3 hrs

US Diversity - 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 (^)
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MLTI 4000	MULTIDISCIPLINARY CAPSTONE SEMINAR (** ^)
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Computer Science Concentration Requirements - 30 Hours

All of the following 18

CIST 1400	INTRODUCTION TO COMPUTER SCIENCE I (^)
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CSCI 1620	INTRODUCTION TO COMPUTER SCIENCE II (^)
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CSCI 2030	MATHEMATICAL FOUNDATIONS OF COMPUTER SCIENCE (^)
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or MATH 2030	DISCRETE MATHEMATICS
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CSCI 3320	DATA STRUCTURES (^)
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CSCI 4830	INTRODUCTION SOFTWARE ENGINEERING (^)
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MATH 1930	CALCULUS FOR THE MANAGERIAL, LIFE, AND SOCIAL SCIENCES (^)
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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
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Required third content block	15
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ELECTIVES

Elective hours as required to reach a total of 120 hours