UNIVERSITY of WISCONSIN Superior

Computer Science Major (Comprehensive)
Academic Plan of Study
2021-2022 Catalog

Name: _____ **Student ID #:** _____ **Date:** _____

University Studies Requirements

Core Courses **completed within first 60 credits*

Course		Credits	Grade	Planned to Take
WRIT 102 College Writing II		3		
WRIT 209 Business and Professional Writing		3		
HHP 102 Wellness and a Positive Lifestyle		3		
COMM 110 Intro to Speech Communications		3		
MATH/CSCI		3-4		

Humanities

Course	Course Title	Credits	Grade	Planned to Take
History		3		
Literature		3		
World Language, Culture, & Philosophy		3		

Social Science (6 cr) *must include 2 different prefixes*

Course	Course Title	Credits	Grade	Planned to Take
Course 1		3		
Course 2		3		

Natural & Physical Sciences

Course	Course Title	Credits	Grade	Planned to Take
Environmental		2		
Lab		4		

Fine & Applied Arts

Course	Course Title	Credits	Grade	Planned to Take
Art History, Criticism & Appreciation		3		
Aesthetic Experience		3		

Global Awareness & Diversity **may be fulfilled through other University Studies categories*

Course	Course Title	Credits	Grade	Planned to Take
Global Awareness		3		
Diversity		3		

Computer Science (Comprehensive) Major Requirements

57 total credits required to include:

Math and Computer Science core courses (47 credits required):

Course	Course Title	Credits	Grade	Planned to Take
MATH 240	Calculus and Analytic Geometry I	4		
MATH 310	Introduction to Abstract Mathematics	3		
MATH 320	Discrete Structures	4		
CSCI 201	Introduction to Programming	3		
CSCI 202	Object-Oriented Programming	3		
CSCI 224	Assembly Language Programming	4		
CSCI 303	Algorithms and Data Structures	4		
CSCI 340	Software Development and Professional Practice	4		
CSCI 356	Database Systems	3		
CSCI 451	Operating Systems	4		
CSCI 461	Computer Architecture	4		
CSCI 470	Net-Centric Computing	4		
CSCI 499	Group Capstone Project	3		

Advanced Programming required courses (6 credits required):

Course	Course Title	Credits	Grade	Planned to Take
CSCI 327	Embedded Systems Design	3		
CSCI 331	Computer Graphics and Game Design	3		
CSCI 351	Internet Programming	3		
CSCI 370	Computer Security	3		

Computational Theory required course (4 credits required):

Course	Course Title	Credits	Grade	Planned to Take
MATH 421	Theory of Computation	4		
MATH 425	Algorithm Design and Analysis	4		

Notes: