AUGSBURG UNIVERSITY

Computer Science minor
2019-2020 catalog

Student Name: _____   **ID Number:** _____

Minor Requirements
All classes must be completed with a C- grade or better.

Term Completed/Planned	Grade	Credit	Course #	Title
Complete one (1) of CSC160 or CSC165				
_____	_____	4	CSC160	Introduction to Computer Science and Communication
_____	_____	4	CSC165	Introduction to Computer Programming (Python)
Complete both CSC170 and CSC210				
_____	_____	4	CSC170	Introduction to Object-Oriented Programming (Java)
_____	_____	4	CSC210	Data Structures
Complete one (1) of CSC320 or CSC345				
_____	_____	4	CSC320	Algorithms (*may only count once toward the minor*)
_____	_____	4	CSC345	Principles of Computer Organization (*may only count once toward the minor*)
Complete one (1) of MAT171 or MAT271				
_____	_____	4	MAT171	Discrete Mathematics for Computing (NSM)
_____	_____	4	MAT271	Discrete Mathematical Structures
Complete one (1) upper division CSC elective, chosen from:				
_____	_____	4	CSC310	Introduction to Data Science
_____	_____	4	CSC320	Algorithms
_____	_____	4	CSC345	Principles of Computer Organization
_____	_____	4	CSC352	Database Management and Design
_____	_____	4	CSC353	Database Architecture and Design
_____	_____	4	CSC373	Symbolic Programming and Artificial Intelligence
_____	_____	4	CSC385	Formal Logic and Computation Theory
_____	_____	4	CSC395	Topics in Computer Science
_____	_____	4	CSC431	Introduction to A.I. Robotics
_____	_____	4	CSC443	Software Engineering
_____	_____	4	CSC450	Programming Languages
_____	_____	4	CSC451	Compilers
_____	_____	4	CSC457	Computer Graphics
_____	_____	4	CSC495	Advanced Topics in Computer Science
_____	_____	4	CSC499	Independent Study

Abbreviation Key: ML = Modern Language; SC = Signature Curriculum; EM = Engaging Minneapolis; AE = Augsburg Experience; KC = Senior Keystone Course; NSM = Natural Science & Mathematics - no lab; NSM-L = Natural Science & Mathematics-with lab; SBS = Social & Behavioral Science; FA = Fine Arts; HUM = Humanities

_____
Student's Signature   Date

Advisor signature below is only necessary if substitutions/waivers are made to the coursework.

_____
Advisor's Printed Name   Signature   Date

Advisor(s): By signing, you indicate you have verified the accuracy of the information above. Faculty advisors must initial next to each course substitution/waiver and sign this form.