

## Computer Science Minor

Code	Title	Credits
<b>Required General Education Courses</b>		
CIS 170	Introduction to Computer Information Systems	3
<b>Required Courses</b>		
CSCI 160	Introduction to Structured Programming I	3
CSCI 161	Introduction to Structured Programming II	3
CSCI 242	Data Structures	3
CSCI 350	Assembly Language Programming	3
or CSCI 372	Comparative Programming Languages	
CSCI 370	Computer Organization & Systems <sup>1</sup>	3
<b>Electives</b>		
Select 9 hours from the following:		9
CIS 128	Microcomputer Hardware I	
CIS 162	Operating Systems	
CIS 164	Networking Fundamentals I	
CIS 380	Systems Analysis and Design	
CIS 385	Database Theory/Design	
CIS 491	Senior Portfolio	
CSCI 127	Introduction to Programming in Java	
CSCI 365	Programming Language Topics	
CSCI 372	Comparative Programming Languages <sup>1</sup>	
or CSCI 350	Assembly Language Programming	
CSCI 380	Teaching Computer Science <sup>2</sup>	
CSCI 450	Practicum in Computer Science	
CSCI 497	Internship	
MATH 300	Symbolic Logic	
MATH 321	Applied Probability and Statistics	
MATH 330	Linear Algebra and Matrices	
STEM ED 450	Engineering the Future	
The student must have at least three hours from the directed electives that are not in major requirements or major electives. Electives must be approved by an advisor from the Mathematics Department.		
Total Credits		27

<sup>1</sup> CSCI 370 Computer Organization & Systems is a prerequisite to CSCI 350 Assembly Language Programming

<sup>2</sup> Can be used as an elective if not being used as a required course.