

# COMPUTER SCIENCE MINOR

This minor allows non-computer science majors to gain skills important in a modern world abounding in CS-related technologies.

Code	Title	Credits	Completed
<b>Minor Requirements (24 credits)</b>			
ISCS-140	Programming Foundations I	4	_____
CS-185	Programming Foundations II	4	_____
CS-265	Computer Architecture	4	_____
CS-280	Data Structures & Algorithms	4	_____
MATH-135	Discrete Mathematics for CS	4	_____
or MATH-211	Calculus I		_____
<i>Select one of the following:</i>		4	_____
ISCS-150	Website Design & Construction		_____
INCS-160	Microcomputer Systems		_____
ISCS-210	Python Programming		_____
CS-215	OS Administration		_____
CS-225	C++ Programming		_____
CS-290	Special Topics		_____
CS-320	Operating Systems Design		_____
IICS-350	Cybercrime		_____
CS-355	Computer Networks		_____
CS-360	Database Systems		_____
CS-375	Software Engineering		_____
CS-395	Mobile Device App Programming		_____
<b>Total Credits</b>		<b>24</b>	_____

## Upon completion of the Computer Science Minor, students will be able to:

- Demonstrate software development skills in at least one computer language through the commonly accepted level of "data structures".
- Demonstrate an understanding of fundamental data structures and algorithms.
- Analyze problems and identify the computing theory and/or mathematical techniques appropriate for their solution.
- Understand and apply advanced computer science technology and critically analyze its implications and role in society.