

COMPUTER SCIENCE

Curriculum Guide

Course Number	Freshman Fall	Credits
CTC-101	Connecting to Carlow	1
CE	Critical Exploration Elective	3
SKQ-101	Quantitative Reasoning	3
SKW-101	Foundations of Writing I	3
CSC-101	Programming for Everyone I	3
MAT-100	Basic Algebra	1

Course Number	Sophomore Fall	Credits
CSC-203	Application Development I	3
CSC-105	Web Development	3
	Art/Graphic Design Elective	3
Compass Elective		3
Compass Elective		3

Course Number	Junior Fall	Credits
CSC-220	Product Development	3
CSC-240	User Experience II	3
MAT-398	Junior Seminar	1
Art/Graphic Design Elective		3
Compass Elective		3
Compass Elective		3

Course Number	Senior Fall	Credits
CSC-404	Algorithms	3
MAT-498	Senior Experience	2
	Compass Elective	3
	Compass Elective	3
	Compass Elective	3

Total Credits:	120
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Course Number	Freshman Spring	Credits
CA	Contemplation and Action Elective	3
SKC-101	Comm.: Personal to Professional	3
SKW-102	Foundations of Writing II	3
CSC-103	Programming for Everyone II	3
MAT-115	Basic Applied Statistics	3

Course Number	Sophomore Spring	Credits
CSC-215	Introduction to C	3
MAT-160	Calculus I	4
CSC-140	User Experience I	3
Compass Elective		3
Compass Elective		3

Course Number	Junior Spring	Credits
CSC-303	Application Development II	3
CSC-306	Data Structures	3
CSC-305	Cross-Cultural Web Design	3
MAT-399	Junior Seminar	1
	Compass Elective	3
	Compass Elective	3

Course Number	Senior Spring	Credits
CSC-406	Goal-Oriented Web Design	3
MAT-499	Senior Experience	2
	Compass Elective	3
	Compass Elective	3
	Compass Elective	3

Recommended Electives

Electives in this program are chosen in consultation with a faculty advisor and can include courses toward a second major, a minor, or an area of concentration