

Computer Science

BERKSHIRE COMMUNITY COLLEGE Computer Science	WESTERN NEW ENGLAND UNIVERSITY Computer Science
GRADUATION REQUIREMENTS	EQUIVALENT COURSES
Semester 1	
CIS 102 Fundamental Computer Literacy	**CS/IT 101 Intro to Computing
CIS 124 C++ Programming I	CS/IT 102 Introduction to Programming
ENG 101 Composition I (<i>recommended</i>)	ENGL 132 English Composition I
MAT 151 Calculus I	MATH 133 Calculus I
Behavioral & Social Science: Any ECO, PSY or SOC Course	Social Systems Requirement
Semester 2	
CIS 125 C++ Programming II	CS/IT 102 Introduction to Programming
MAT 152 Calculus II	MATH 134 Calculus II (General Elective)
PHY 161 Physics I: Mechanics	PHYS 133 Mechanics
ENG 102 Composition II (<i>recommended</i>)	ENGL 133 English Composition II
Humanities & Fine Arts: Any MUS or FAS course or THR 101	Creative Expression Requirement
Semester 3	
CIS 231 Computer Science I with Java	General Elective
PHY 261 Physics II Electricity, Magnetism & light	PHYS 134 Electricity & Magnetism (General Elective)
ENT 233 Digital Circuits	CPE 271 Digital System Design
MAT 123 Elementary Statistics	MATH 120 (General Elective)
Semester 4	
CIS 211 Data Structures	CS/IT 200 Data Structures
CIS 232 Computer Science II With Java	General Elective
COM 104 or COM 105 (<i>recommended</i>)	Multimodal Communications Requirement
Professional Elective	General Elective

**CS/IT 101 will be fulfilled provided students complete CIS 125, CIS 211 and ENT 233