



COMPUTER SCIENCE ASSOCIATES IN SCIENCE DEGREE SAMPLE SEQUENCE MAP

This form is designed to be used in partnership with academic counselors. Modifications may be necessary to meet your goals. Seek assistance from an academic counselor each semester to stay on track to completion of major/certificate. There are 3 General Education patterns available. Not all courses on the map are offered every term. Consult the Catalog and the Schedule of Classes for more details.

0-15 UNITS		Pre-req/Co-req	Credits	GE
Semester 1	Area IA: English Composition: <i>ENGL 122 – First-Year College Composition and Reading</i>	Placement	3	IA
	COMSC 110 – Introduction to Programming		4	
	Degree Applicable Elective	See counselor	4	
	Area IC: Mathematics Comprehension – MATH 192, 193 or 195	Placement. See catalog	4	IC
	Total		15	

16 – 30 UNITS		Pre-req/Co-req	Credits	GE
Semester 2	Area IB: Communications and Analytical Thinking		3	IB
	COMSC 210 – Program Design and Data Structures		4	
	COMSC 165 – Advanced Programming		4	
	Area IV: Social and Behavioral Sciences		3	IV
	Degree Applicable Elective	See counselor	1	
Total		15		

31 – 45 UNITS		Pre-req/Co-req	Credits	GE
Semester 3	Area III: Arts and Humanities		3	III
	COMSC 260 – Assembly Language Programming/ Computer Organization		4	
	Degree Applicable Elective	See counselor	8	
	Total		15	

46 – 60 UNITS		Pre-req/Co-req	Credits	GE
Semester 4	Degree Applicable Elective	See counselor	7	
	Area II: Natural Sciences – PHYS 130 or 230	See catalog	4	II
	COMSC 200 – Object Oriented Programming OR			
	COMSC 256 advanced Java Programming	See catalog	4	
Total		15		

Program Total: 60 units