

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	
	COMSC 165 – Advanced Programming		4	
	Area IC: Mathematics Comprehension	Placement	3-5	IC
	Degree Applicable Elective		1	
		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 260 – Assembly Language Programming/ Computer Organization		4	
	Area II: Natural Sciences		3-5	II
		Total	15-18	

31 – 45 UNITS		Pre-req/Co-req	Credits	GE
Semester 3	Area III: Arts and Humanities		3	III
	COMSC 200 – Object Oriented Programming OR			
	COMSC 256 advanced Java Programming	See Catalog	4	
	Major Applicable Elective: 0 - 5 Units from catalog list	See Catalog	5	
	Degree Applicable Elective		3	
		Total	15	

46 – 60 UNITS		Pre-req/Co-req	Credits	GE
Semester 4	Area IV: Social and Behavioral Sciences		3	IV
	Major Applicable Elective: 0 - 8 Units from catalog list	See Catalog	4	
	Degree Applicable Elective		8	
		Total	15	

Program Total: 60 units

Tentative Planned Course Offering:

<u>FALL 2019</u>		<u>SPRING 2020</u>		<u>SUMMER 2020</u>	<u>FALL 2020</u>		<u>SPRING 2021</u>	
COMSC 101	COMSC 210	COMSC 101	COMSC 255	COMSC 110	COMSC 101	COMSC 210	COMSC 101	COMSC 255
COMSC 110	COMSC 255	COMSC 110	COMSC 256	COMSC 165	COMSC 110	COMSC 255	COMSC 110	COMSC 256
COMSC 120	COMSC 256	COMSC 165	COMSC 260	COMSC 200	COMSC 120	COMSC 256	COMSC 165	COMSC 260
COMSC 165	COMSC 260	COMSC 171	COMSC 275	COMSC 255	COMSC 165	COMSC 260	COMSC 171	COMSC 275
COMSC 171	COMSC 295	COMSC 200	COMSC 295	COMSC 260	COMSC 171	COMSC 295	COMSC 200	COMSC 295
COMSC 200	COMSC 296	COMSC 210	COMSC 296		COMSC 200	COMSC 296	COMSC 210	COMSC 296