

COMPUTER SCIENCE

ASSOCIATE IN SCIENCE

The Computer Science program offers an Associate of Science Degree that includes the study of computers and the methods of computer-based problem solving.

Credits Required: 64

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Concentration Requirements 27

<input type="checkbox"/>	COMP 120	Computer Information Systems	3
<input type="checkbox"/>	COMP 130	Introduction to Programming	3
<input type="checkbox"/>	COMP 135	C++ Programming	3
<input type="checkbox"/>	COMP 212	Principles of Software Design	3
<input type="checkbox"/>	COMP 214	Concepts of Computer Systems or	
	INDU 125	Fundamentals of Electronics	3
<input type="checkbox"/>	MATH 120	Elementary Statistics	3
<input type="checkbox"/>		Concentration Electives *	9

Recommended Course Sequence

SEM 1: COMP 130, Concentration Elective

SEM 2: COMP 120, MATH 120

SEM 3: COMP 135, COMP 214 or INCU 125

SEM 4: COMP 212, Concentration Elective

After Graduation

This degree serves as the first two years of study toward a Baccalaureate Degree in Computer Science and prepares students for jobs in the areas of hardware and software development, research and development of hardware and software, system programming, system analyst or software designer.

General Education Requirements 37

<input type="checkbox"/>	BIOL 120	Biology	5
<input type="checkbox"/>	COMM 101	Fundamentals of Speech	3
<input type="checkbox"/>	ENGL 101	English Composition I	3
<input type="checkbox"/>	ENGL 102	English Composition II	3
<input type="checkbox"/>	MATH 130	Calculus I	5
<input type="checkbox"/>	PED 116	Lifetime Fitness	1
<input type="checkbox"/>		Physical Science Elective with Lab	5
<input type="checkbox"/>		Humanities Electives	6
<input type="checkbox"/>		Social and Behavioral Science Electives	6

*Concentration Electives

<input type="checkbox"/>	COMP 110	Computer Concepts and Applications	3
<input type="checkbox"/>	COMP 115	Spreadsheets (Microsoft Excel)	3
<input type="checkbox"/>	COMP 138	Visual Basic Programming	3
<input type="checkbox"/>	COMP 180	Introduction to Networking	3
<input type="checkbox"/>	COMP 182	Network Administration I	3
<input type="checkbox"/>	COMP 192	Database Concepts and Applications	3
<input type="checkbox"/>	COMP 205	Special Topics in Computing/Robotics	3

Courses designated as Physical Science, Natural Science, Humanities, Social Behavioral and General Education electives can be found on page 82.

Placement Tests or pre-requisites are required for English Composition I, Math courses and most General Education Electives. See page 31 for complete Placement information. All first-time, full-time students with fewer than 15 credit hours after high school graduation are required to enroll in the College Success Skills course during their first semester.

Some courses are not offer each semester. Always make an appointment with your major advisor to enroll each semester.