

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

- COMP 120 Computer Information Systems 3
- COMP 130 Introduction to Programming Logic 3
- COMP 135 C++ Programming 3
- COMP 212 Principles of Software Design 3
- COMP 214 Concepts of Computer Systems or
INDU 125 Fundamentals of Electronics 3
- MATH 120 Elementary Statistics 3
- 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

- BIOL 120 Biology 5
- COMM 101 Public Speaking 3
- ENGL 101 English Composition I 3
- ENGL 102 English Composition II 3
- MATH 130 Calculus I 5
- PED 116 Lifetime Fitness 1
- Physical Science Elective with Lab 5
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- Humanities Electives 6
- _____
- _____
- Social and Behavioral Science Electives 6
- _____
- _____

*Concentration Electives

- COMP 110 Computer Concepts and Applications 3
- COMP 115 Spreadsheets (Microsoft Excel) 3
- COMP 138 Visual Basic Programming 3
- COMP 180 Introduction to Networking I 3
- COMP 182 Networking II 3
- COMP 192 Database Concepts and Applications 3
- 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.