

# Computer Information Systems A.S. Degree

To meet the needs of successful computer science or computational science, this degree program integrates the study of computer applications and computer sciences. This degree program prepares the student for immediate entry into a vocational field related to computer programming and/or further study in computer science, or computational science.

This degree requires 27 units (18 units from required courses, 6 units from restricted electives, 3 units from restricted courses).

## Requirements

Course	Title	Units
CIS 101	Introduction to Computer & Information Systems	3
CIS 102	Personal Computer Applications	3
CIS 123	Web Page Design - HTML	3
CIS 130	Introduction to 3D Computer Animation	[OR]
CIS 201	Intro to 3-D Printing, Setup & Rapid Prototyping Design	3
CIS 248	Systems Analysis and Design	3
CIS 265	Adobe Photoshop	[OR]
CIS 202	3-D Printing: Basic Model Making	3

## Electives (Choose a minimum of 6 units from the list below)

Course	Title	Units
CIS 124	Web Page Design Tools	3
CIS 131	Animation Principles and Production I	3
CIS 132	Animation Principles and Production II	3
CIS 133	Advanced 3D Computer Animation	3
CIS 203	3-D Printing: Basic Model Finishing	3
CIS 204	3-D Rapid Model Making & Prototype Development	3
CIS 260	Desktop Publishing	3

## Restricted Courses (Choose a minimum of 3 units from the list below)

Course	Title	Units
MAN 105	Principles of Management & Organization	3
MAN 106	Personnel Management	3
MAN 107	Small Business Management	3
BUS 201	Principles of Organizational Leadership	3

## Total Required Units: 27

In addition to the Core Courses required for the A.S. Degree in Computer Information Systems, students will also be required to meet the Associate Degree Requirements and the General Education Requirements (Option A) listed in this catalog.

