



Advanced Certificate in Computer Information Systems

The Advanced Certificate program in Computer Information Systems (CIS) is intended for individuals who hold a bachelor's degree in another discipline and desire to demonstrate proficiency in computer information systems that would enhance their value in a current career and/or increase their viability for growth and advancement. The certificate program requires 24 credit hours of instruction.

Minimum Entrance Requirements: Bachelor's degree from any accredited college or university

Certificate Requirements (24 Credit Hours)

| Certificate Courses* | Credit Hours |
|---|--------------|
| CIS 1193 PC Hardware and Software Maintenance | 3 |
| CIS 2203 Programming Logic & Design | 3 |
| CIS 2223 Microcomputer Applications (ACTS Equivalent # CPSI 1003) | 3 |
| One of the following courses: | 3 |
| CIS 3243 Introduction to Java Programming | |
| CIS 3423 COBOL | |
| CIS 3433 Intro to C# Programming | |
| CIS 3443 Object-Oriented Programming Language (Visual Basic) | |
| CIS 3453 World Wide Web Programming | |
| One of the following courses: | 3 |
| CIS 3103 Advanced Microcomputer Apps | |
| CIS 3233 Business Database Management Systems | |
| CIS 3523 System Analysis & Design | 3 |
| Six (6) additional hours of CIS courses at the 3000-4000 level for which the prerequisites have been met, excepting CIS 370V: CIS Practicum and CIS 460V: Internship in CIS | 6 ----- |
| | 24 |

* A maximum of six credit hours of discipline-related courses may be transferred from the qualifying completed Bachelor's degree.

Application for the advanced certificate program requires the completion of a UAM admissions application available in UAM's Office of Admissions, and submission with an official transcript with the degree posted to the admissions office.