Bachelor of Science Degree in Computer Information Systems

General Education Requirements ............................................................35 Credit Hours

Composition .........................................................................................6 Credit Hours
Fine Arts ..............................................................................................3 Credit Hours
Communication ..................................................................................3 Credit Hours
Humanities ............................................................................................3 Credit Hours
U.S. History or Government .................................................................3 Credit Hours
Social Sciences ....................................................................................6 Credit Hours
Mathematics ........................................................................................3 Credit Hours
Science w/lab ........................................................................................8 Credit Hours

Major Requirements ...........................................................................40 Credit Hours

CIS 1193    PC Hardware and Software Maintenance
CIS 2203    Programming Logic and Design
CIS 2223    Microcomputer Applications (ACTS Equivalent # CPSI 1003)
CIS 3423    COBOL Programming Language
CIS 3443    Object-Oriented Programming Languages
Choose one:
    CIS 3453  WWW Programming
    CIS 3463  Programming Mobile Applications
CIS 3523    System Analysis and Design
CIS 3553    Advanced COBOL Programming Language
CIS 4503    Data Communications and Networking
CIS 4623    Database Management Systems
CIS 4634    Application Software Development Project
CIS _____   3 credit hours of CIS electives (3000B4000)
CIS _____   3 credit hours of CIS electives (3000B4000)

Supportive Requirements .....................................................................21 Credit Hours

ACCT 2213  Principles of Financial Accounting (ACTS Equivalent # ACCT 2003)
ACCT 2223  Principles of Managerial Accounting (ACTS Equivalent # ACCT 2013)
Choose one:
    ECON 2203 Prin. of Macroeconomics (ACTS Equivalent # ECON 2203)
    ECON 2213 Prin. of Microeconomics (ACTS Equivalent # ECON 2213)
GB 2113    Business Statistics I (ACTS Equivalent # BUS 2103)
GB 2043    Business Communications (ACTS Equivalent # BUS 2013)
    Choose one:
        MGMT 3473 Prin. of Mgmt. & Org. Behavior
        MGMT 4613 Mgmt. Info. Systems
        MKT 3403 Principles of Marketing

General Electives ..............................................................................24 Credit Hours
CIS Electives

CIS 1013  Introduction to Computer-Based Systems  
CIS 198V  Special Topics  
CIS 3103  Advanced Microcomputer Applications  
CIS 3233  Business Database Management Systems  
CIS 3243  Introduction to Java Programming  
CIS 3433  Introduction to C# Programming  
CIS 370V  Computer Information Systems Practicum  
CIS 399V  Special Topics  
CIS 4253  CIS Security  
CIS 4263  Ethics in Information Technology  
CIS 460V  Internship in Computer Information Systems  
CIS 4723  Seminar in Computer Information Systems  
CIS 479V  Independent Study in Computer Information Systems

*** NOTE *****  There are several courses offered under Special Topics throughout the Fall, Spring and Summer semesters. Please see Class Schedule on UAM Website for course offerings.