

University of Maine at Augusta
Associate of Science, COMPUTER INFORMATION SYSTEMS
2010-2011 Catalog

Name:

ID#:

Date:

ASSOCIATE'S DEGREE REQUIREMENTS:

- | | |
|--|--|
| <input type="checkbox"/> Minimum 64 Credit Hours | <input type="checkbox"/> 15 credits hours of Residency courses |
| <input type="checkbox"/> Writing Intensive Course | <input type="checkbox"/> 9 credits of Major Residency courses |
| <input type="checkbox"/> Minimum Cumulative G.P.A.: 2.00 | <input type="checkbox"/> Minimum G.P.A. in the Major: 2.00 |

BASIC SKILLS REQUIREMENT: All required placement examinations and/or academic assessments must be completed prior to any course registration. To ensure that students have the best possible opportunity to succeed in their major, students testing into developmental coursework are advised to **complete the recommended courses within the first semesters of attendance.**

Not Required Recommended: ENG _____ REA _____ MAT _____ Completed

PROGRAM MAJOR REQUIREMENTS (33 credit hours):

- _____ one of the following (3):
BUA 101 Financial Accounting for Decision Making
BUA 223 Principles of Management
- CIS 101 Introduction to Computer Science (3)
- CIS 131 Web Applications and Development (3)
- CIS 135 Introduction to Information Systems & Applications Development (3)
- _____ One of the following (3):
CIS 210 Programming Concepts
CIS 212 Programming Concepts: Visual Basic I
- CIS 220 Information Technology Hardware and Systems Software (3)
- CIS 240 Networking Concepts (3)
- CIS 243 Web Applications Programming: XML (3)
- BUA/CIS 270 Management Information Systems (3)
- _____ Computer Information Systems Programming Electives* (3)
- _____ Computer Information Technology Electives* (3)

GENERAL EDUCATION REQUIREMENTS (31 credit hours):

- _____ Communications* (3)
- ENG 101 College Writing (3)
- ENG 317W Professional Writing (3)
- _____ Fine Arts* (3)
- _____ Humanities* (3)
- MAT 112 College Algebra (3)
- MAT 115 Elementary Statistics I (3)
- MAT 280 Discrete Mathematical Structures I (3)
- _____ Laboratory Science (4) *Chemistry or Physics recommended*
- _____ Social Science* (3)

* Course options listed on the back...

Major Requirements**Programming Electives**

CIS 214 Applications Programming: Java
 CIS 215 Applications Programming: C++
 CIS 312 Applications Programming: Advanced Visual Basics
 CIS 314 Applications Programming: Advanced Java
 CIS 333 Applications Programming: PHP
 CIS 289, 389 or 489 Programming Topics
 CIS 294, 394 or 489 Independent Study: Programming Topics
 CIS 412 Visual Basic for Applications

Information Technology Electives

CIS 221 Operating Systems: Unix
 CIS 231 Web Applications Development I
 CIS 280 Information Technology Internship
 CIS 341 Network Applications
 CIS 351 Database management Systems: Oracle
 CIS 354 Algorithms and Data Structures
 CIS 360 Geographical Information Systems I
 CIS 289, 389 or 489 Information Technology Topics
 CIS 294, 394 or 494 Independent Study: Info Technology Topics
 CIS 438 E-Commerce
 CIS 466 Geographical Information Systems II

General Education Requirements**Communication**

COM 101 Public Speaking
 COM 102 Interpersonal Communications
 COM 104 Communication in Groups & Organizations
 COM 106 Oral Communication of Literature

Fine Arts

ARH 105 History of Art & Architecture I
 ARH 106 History of Art & Architecture II
 DRA 101 Introduction to Theatre
 DRA 265 The American Movie
 DRA 280 Introduction to Films
 INT 129 Understanding the Arts
 MUS 123 Understanding Music
 MUS 160 World Music
 MUS 180 Women and Music
 MUS 225 The Mysterious Power of Music
 MUS 227 Music of the Classic Era: Haydn, Mozart, Beethoven
 MUS 333 History & Literature of Music I
 MUS 334 History & Literature of Music II
 MUS 337 Tradition and Innovation: Western Art Since the Romantics

Humanities

ENG 102W Introduction to Literature
 ENG 202W Survey of British Literature I: Beowulf to the Romantics
 ENG 203W Survey of British Literature II: Romantics to the 21st Century
 ENG 250W American Literature to 1900
 ENG 251W American Literature 1900-Present
 HTY xxx any history course
 HUM xxx any humanities course
 PHI xxx any philosophy course
 POS 390 Survey of Political Theory
 WST 101W Introduction to Women's Studies

Social Science

ANT 101 Introduction to Anthropology
 ANT 102 Cultural Anthropology
 ECO 100 Introduction to Economics
 ECO 201 Principles of Economics I (Macroeconomics)
 ECO 202 Principles of Economics II (Microeconomics)
 GEO 101 Introduction to Geography
 POS 101 American Government
 POS 102 Introduction to Politics and Government
 PSY 100 Introduction to Psychology
 SOC 101 Introduction to Sociology
 SOC 201 Social Problems
 SSC 100 Introduction to Social Science

Students are encouraged to contact their faculty advisor and the Advising Center for academic advising and support services throughout their stay at UMA.

Approved to Receive Degree

Enrollment Services

Date

College Dean

Date