

[ARCHIVED CATALOG]

Computer Information Systems, AS

Delivery Area: Online

Associate Degree Requirements:

- Minimum 61 Credit Hours
- Writing Intensive Course
- Minimum Cumulative G.P.A.: 2.00
- 15 Credit Hours of Residency Courses
- 9 Credits of Major Residency Courses
- Minimum G.P.A. in the Major: 2.00

Program Major Requirements (36 Credit Hours):

- [BUA 223 - Principles of Management](#) 3 CR
- [CIS 101 - Introduction to Computer Science](#) 3 CR
- [CIS 110 - Programming Fundamentals](#) 3 CR
- [CIS 120 - Introduction to Data Structures](#) 3 CR
- [CIS 131 - Web Applications and Development](#) 3 CR
- [CIS 135 - Introduction to Information Systems & Applications Development](#) 3 CR
- [CIS 221 - Linux](#) 3 CR
- [CIS 240 - Networking Concepts](#) 3 CR
- [CIS 255 - Database Design](#) 3 CR
- [ISS 210 - Introduction to Information Systems Security](#) 3 CR
- [MAT 115 - Elementary Statistics I](#) 3 CR

Complete any 200-level programming courses (3):

- [CIS 212 - Introduction to Visual Basic Programming](#) 3 CR
- [CIS 214 - Introduction to Java Programming](#) 3 CR
- [CIS 215 - Introduction to C++ Programming](#) 3 CR
- [CIS 216 - Programming in C# and .NET](#) 3 CR

Other Program Requirements (25 Credit Hours):

- Complete any 100-level Communications course (3)
- [ENG 101 - College Writing](#) 3 CR
- [ENG 317W - Professional Writing](#) 3 CR
- [MAT 112 - College Algebra](#) 3 CR
- Complete any 100-level Laboratory Science course (4) *chemistry or physics recommended*

Complete one of the following Fine Arts electives (3):

- [ARC 100 - Architectural Design Studio for the Non-Majors](#) 3 CR
- ARH xxx any Art History course
- ART xxx any Art course
- DRA xxx any Drama course
- [ENG 351W - Creative Writing](#) 3 CR
- [ENG 452W - Creative Writing II](#) 3 CR
- MUH 1xx any 100-level Music History course
- MUS 1xx any 100-level Music course

Complete one of the following Humanities electives (3):

- AME xxx any American Studies course
- [ARH 105 - History of Art and Architecture I](#) 3 CR
- [ARH 106 - History of Art and Architecture II](#) 3 CR
- ASL 1xx/2xx any 100- or 200-level ASL course
- DRA xxx any Drama course
- ENG xxx any English course (except [ENG 100](#), [ENG 101](#), [ENG 210W](#), [ENG 317W](#) or [ENG 320W](#))
- FRE xxx any French course
- HGH xxx any Holocaust, Human Rights & Genocide course
- HTY xxx any History course

- HUM xxx any Humanities course
- MUH xxx any Music History course
- PHI xxx any Philosophy course (except [PHI 335](#))
- SPA xxx any Spanish course
- WGS xxx any Women and Gender Studies course

Complete one of the following Social Science electives (3):

- ANT 1xx any 100-level Anthropology course
- ECO 1xx any 100-level Economics course
- [ECO 201 - Macroeconomics](#) 3 CR
- [ECO 202 - Microeconomics](#) 3 CR
- JUS 1xx any 100-level Justice Studies course
- POS 1xx any 100-level Political Science course
- PSY 1xx any 100-level Psychology course
- SOC 1xx any 100-level Sociology course
- SSC 1xx any 100-level Social Science course

General Education:

It is the intention of the University of Maine at Augusta that every degree graduate will be prepared to function in our society as an effective and informed citizen. To this end, the faculty has designed a set of minimum expectations that students are expected to satisfy. The aspirations are defined by core skills, competencies, and abilities as well as knowledge based learning experiences that are the grounds for the General Education Requirements. To learn more, visit www.uma.edu/academics/general-education/
