

University of Maine at Augusta
A Member of the University of Maine System
Post Baccalaureate of Science, COMPUTER INFORMATION SYSTEMS
(45 credit hours)

Name _____ Soc Sec # _____ Date _____

This sheet is intended to be informational only.
Students must consult with an academic advisor prior to registration.
In effect for students admitted to Fall 2008

You must maintain a 2.0 GPA and complete the following as requirements for your degree:

BACCALAUREATE DEGREE

Baccalaureate degree from an accredited institution in a different discipline

PROGRAM REQUIREMENTS

COMPUTER INFORMATION SYSTEMS FOUNDATION (15 credit hours) *students must first meet with a CIS advisor to determine which of the following courses should be taken to meet this requirement. Choose five of the following:*

- _____ CIS 101: Introduction to Computer Science
- _____ CIS 131: Web Applications
- _____ CIS 135: Intro to Information Systems and App. Dev
- _____ CIS 210: Programming Concepts or CIS 212: Programming Concepts: Visual Basic I
- _____ CIS 220: Information Technology Hardware and Systems Software
- _____ CIS 240: Networking Concepts
- _____ CIS 243: Web Applications XML
- _____ MAT 280: Discrete Mathematical Structures I
- _____ MAT 281: Discrete Mathematical Structures II

Note: based upon professional experience and permission of your CIS advisor you may substitute any CIS Programming or Information Technology elective for these 15 hours

COMPUTER INFORMATION SYSTEMS CORE (15 credit hours)

- _____ CIS 330: Systems Analysis
- _____ CIS 335: Systems Development: ASP
- _____ CIS 350: Database Design & Management
- _____ CIS 460: Computers and Culture
- _____ CIS 470: Project Management

COMPUTER INFORMATION SYSTEMS PROGRAMMING ELECTIVES (6 credit hours)

- _____ 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 389 or CIS 489: Programming Topics
- _____ CIS 394 or CIS 494: Independent Study: Programming Topics
- _____ CIS 412: Visual Basic for Applications

COMPUTER INFORMATION SYSTEMS INFORMATION TECHNOLOGY ELECTIVES (9 credit hours) Choose three of the following: (Note: you must select at least one 400-level information technology elective)

- _____ CIS 341: Network Applications
 - _____ CIS 351: Database Management Systems: Oracle
 - _____ CIS 354: Algorithms and Data Structures
 - _____ CIS 360: Geographical Information Systems I
 - _____ CIS 389 or CIS 489: Information Technology Topics
 - _____ CIS 394 or CIS 494: Independent Study: Information Technology Topics
 - _____ CIS 438: E-Commerce
 - _____ CIS 466: Geographical Information Systems II
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APPROVED TO RECEIVE DEGREE:

Records Office

Date

College Dean

Date

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