

# CMCC Transfer Guide to UMA Bachelor of Science, COMPUTER INFORMATION SYSTEMS

University of Maine at Augusta - College of Professional Studies

This sheet is intended to be informational only.

2011-2012 Catalog

## DEGREE REQUIREMENTS:

- |                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                              |
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| <ul style="list-style-type: none"> <li><input type="checkbox"/> Minimum 121 Total Credit Hours</li> <li><input type="checkbox"/> Writing Intensive Course</li> <li><input type="checkbox"/> Minimum Cumulative GPA of 2.00</li> </ul> | <ul style="list-style-type: none"> <li><input type="checkbox"/> 30 credit hours of Residency Courses</li> <li><input type="checkbox"/> 9 credits of Upper-level Residency courses in the Major</li> <li><input type="checkbox"/> Minimum GPA in the Major of 2.00</li> </ul> |
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<i>UMA's BS Computer Information Systems Degree Requirements</i>	<i>CMCC equivalent courses</i>
<b>PROGRAM MAJOR REQUIREMENTS:</b>	
<input type="checkbox"/> BUA 101 Financial Accounting for Decision Making (3)	ACC 208 Financial Accounting / ACC 210 Principles of Accounting I
<input type="checkbox"/> BUA 223 Principles of Management (3)	BUS 220 Managing People and Organizations
<input type="checkbox"/> CIS 101 Introduction to Computer Science (3)	
<input type="checkbox"/> CIS 131 Web Applications and Development (3)	CPT 252 Web Development
<input type="checkbox"/> CIS 135 Intro to Info Systems & Applications Development (3)	BCA 246 Database Management
<input type="checkbox"/> _____ One of the following (3): <i>CIS 210 Programming Concepts</i> <i>CIS 212 Programming Concepts: Visual Basic I</i>	CPT 130 Intro to Visual Basic / BCA 250 Applied Visual Basic
<input type="checkbox"/> CIS 220 Info Technology Hardware & Systems Software (3)	CPT 147 Introduction to PC Repair/ Operating Systems
<input type="checkbox"/> CIS 240 Networking Concepts (3)	CPT 235 Introduction to Networking
<input type="checkbox"/> CIS 243 Web Applications Programming: XML (3)	
<input type="checkbox"/> BUA/CIS 270 Management Information Systems (3)	
<input type="checkbox"/> CIS 330 Systems Analysis (3)	
<input type="checkbox"/> CIS 333 Applications Programming: PHP (3)	
<input type="checkbox"/> CIS 350 Database Design and Management (3)	
<input type="checkbox"/> CIS 380 or 480 Internship (3)	
<input type="checkbox"/> CIS 460 Impact of Information Technology (3)	
<input type="checkbox"/> CIS 470 Project Management (3)	
Computer Information Programming Electives <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____ (12)	CPT 245 Introduction to Java Programming
<ul style="list-style-type: none"> <li>CIS 214 Applications Programming: Java</li> <li>CIS 215 Applications Programming: C++</li> <li>CIS 312 Applications Programming: Advanced Visual Basics</li> <li>CIS 314 Applications Programming: Advanced Java</li> <li>CIS 389 or 489 Programming Topics</li> <li>CIS 394 or 489 Independent Study: Programming Topics</li> <li>CIS 412 Visual Basic for Applications</li> <li>CIS 480 Programming Internship</li> </ul>	
Computer Information Technology Electives <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____ (9)	CPT 253 Advanced Web Development CPT 230 Field Experience (Internship)
<ul style="list-style-type: none"> <li>CIS 221 Operating Systems: Unix</li> <li>CIS 231 Web Applications Development I</li> <li>CIS 280 Information Technology Internship</li> <li>CIS 341 Network Applications</li> <li>CIS 351 Database management Systems: Oracle</li> <li>CIS 354 Algorithms and Data Structures</li> <li>CIS 360 Geographical Information Systems I</li> <li>CIS 389 or 489 Information Technology Topics</li> <li>CIS 394 or 494 Independent Study: Info Technology Topics</li> <li>CIS 438 E-Commerce</li> <li>CIS 466 Geographical Information Systems II</li> <li>CIS 480 Information Technology Internship</li> </ul>	

**CMCC Transfer Guide to UMA Bachelor of Science, Computer Information Systems continued...**

**GENERAL EDUCATION REQUIREMENTS (52 credit hours):**

<input type="checkbox"/> _____ Communications * (3) COM 101 Public Speaking COM 102 Interpersonal Communications COM 104 Communication in Groups & Organizations COM 106 Oral Communication of Literature	COM 100 Public Speaking COM 101 Interpersonal Communications COM 121 Group Process
<input type="checkbox"/> ENG 101 College Writing (3)	ENG 101 College Writing /ENG 107 College Writing: TTV
<input type="checkbox"/> ENG102W Introduction to Literature (3)	ENG 125 Introduction to Literature
<input type="checkbox"/> ENG 317W Professional Writing (3)	ENG 220 Business Communications
<input type="checkbox"/> _____ Fine Arts* (3) 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 190 Women in Western Music MUS 333 History & Literature of Music I MUS 334 History & Literature of Music II	THE 101 Introduction to Theatre  ENG 215 Film as Literature  MUS 101 Music Appreciation and History
<input type="checkbox"/> _____ Humanities* (3) ENG 202W English Literature I: Medieval & Renaissance ENG 203W English Literature II: Restoration, 18 <sup>th</sup> Century & Romanticism 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	ENG 112 American Literature I ENG 113 American Literature II Any HIST course Any HUM course Any PHI course  WST 101 Introduction to Women’s Studies
<input type="checkbox"/> MAT 112 College Algebra (3)	MAT 122 College Algebra
<input type="checkbox"/> MAT 115 Elementary Statistics I	MAT 135 Statistics
<input type="checkbox"/> MAT 280 Discrete Mathematical Structures I (3)	
<input type="checkbox"/> MAT 281 Discrete Mathematical Structures II (3)	
<input type="checkbox"/> _____ Laboratory Science (4)	Any lab science course
<input type="checkbox"/> ECO 100 Introduction to Economics (3)	
<input type="checkbox"/> PSY 100 Introduction to Psychology (3)	PSY 101 Introduction to Psychology
<input type="checkbox"/> _____ <input type="checkbox"/> _____ Social Science* (6) ANT 101 Introduction to Anthropology ANT 102 Cultural Anthropology 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 POS/BUA 365 Organizational Behavior ( <b>recommended</b> ) SOC 101 Introduction to Sociology SOC 201 Social Problems SSC 100 Introduction to Social Science	ANT 101 Introduction to Cultural Anthropology ECO 201 Introduction to Macroeconomics ECO 202 Introduction to Microeconomics GEY 101 Human Geography POS 150 Introduction to American Politics POS 205 Introduction to Comparative Politics  SOC 101 Introduction to Sociology
General Electives (6 credit hours)	
<input type="checkbox"/> _____	