

# COMPUTER MANAGEMENT INFORMATION SCIENCE

**LENGTH:** Four Semesters

**PURPOSE:** This program is designed for students planning to transfer to a four-year institution and major in Computer Management Information Science. Commercial programming courses are recommended for business and accounting majors

<b>AREA I</b> .....	<b>WRITTEN COMPOSITION</b> .....	<b>6 SH</b>
ENG 101.....	English Composition I.....	3
ENG 102.....	English Composition II.....	3

<b>AREA II</b> .....	<b>HUMANITIES AND FINE ARTS</b> .....	<b>12 SH</b>
Fine Arts Elective.....	ART 100, MUS 101, or THR 120.....	3
SPH 107.....	Fundamentals of Public Speaking.....	3

<b>Choose one of the following courses:</b> .....		<b>3</b>
ENG 271 or ENG 272.....	World Literature I or World Literature II or	
ENG 261 or ENG 262.....	English Literature I or English Literature II or	
ENG 251 or ENG 252.....	American Literature I or American Literature II	

**Note:** Students must complete a 6 SH sequence in either literature (AREA II) or history (AREA IV). If the literature sequence is not chosen, the student must choose 3 SH of a Humanities Elective.

Humanities Elective.....	ART, MUS, THR, PHL, REL, or Foreign Language.....	3
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<b>AREA III</b> .....	<b>NATURAL SCIENCES AND MATHEMATICS</b> .....	<b>11-12 SH</b>
MTH 120 or MTH 125.....	Calculus & Its Applications or Calculus 1.....	3-4

**Choose one of the following sequences:**.....8

BIO 101 & BIO 102.....	Introduction to Biology I & Introduction to Biology II or	
BIO 103 & BIO 104.....	Principles of Biology I & Principles of Biology II or	
CHM 104 & CHM 105.....	Introduction to Inorganic Chemistry & Introduction to Organic Chemistry or	
CHM 111 & CHM 112.....	College Chemistry I & College Chemistry II or	
PHS 111 & PHS 112.....	Physical Science I & Physical Science II or	
PHY 201 & PHY 202.....	General Physics with Trig I & General Physics with Trig II	

<b>AREA IV</b> .....	<b>HISTORY, SOCIAL, AND BEHAVIORAL SCIENCES</b> .....	<b>12 SH</b>
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ECO 232.....	Principles of Microeconomics.....	3
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**Choose one of the following courses:**.....3

HIS 101 or HIS 102.....	History of Western Civilization I or History of Western Civilization II or	
HIS 121 or HIS 122.....	World History I or World History II or	
HIS 201 or HIS 202.....	U.S. History I or U.S. History II	

**Note:** Students must complete a 6 SH sequence in either literature (AREA II) or history (AREA IV). If the history sequence is not chosen, the student must choose 9 SH of Social Science Electives.

Social Science Electives.....	ANT, ECO, GEO, POL, PSY, or SOC.....	6
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<b>AREA V</b> .....	<b>PRE-PROFESSIONAL, MAJOR, AND ELECTIVE COURSES</b> .....	<b>22 SH</b>
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ORI 101.....	Orientation to College.....	1
ECO 231.....	Principles of Macroeconomics.....	3
BUS 271 & BUS 272.....	Business Statistics I & Business Statistics II.....	6
BUS 241 & BUS 242.....	Principles of Accounting I & Principles of Accounting II.....	6

**Choose two courses from the following approved General Electives or Prerequisites**.....6

MTH 112, MTH 113 or MTH 115.....	Precalculus Algebra, Precalculus Trigonometry, or Precalculus Algebra and Trigonometry.....	3
CIS 212.....	Visual Basic Programming.....	3
CIS 215.....	C# Programming.....	3

**Total Hours**.....**63-64 SH**

Students should consult their transfer institution or the STARS templates at [www.coastalalabama.edu](http://www.coastalalabama.edu). See an academic advisor for assistance.