



Computer Science - Management Information Systems Associate of Applied Science (A.A.S.)

2018–2019

DESCRIPTION:

The Computer Science Management Information Systems A.A.S. degree program introduces students to core computer science concepts and provides them with a foundational, working knowledge of project and data management. Course topics include systems analysis, database design and usage, business intelligence, Agile methodologies, and other related business topics. Students learn in an active laboratory environment led by faculty current in industry standards and practices. For more information, see csc.ccc.edu/computerscience.

ADMISSION REQUIREMENTS:

This is a non-selective, open-admission program.

ONGOING REQUIREMENTS:

Students must achieve the College's minimum GPA.

OPPORTUNITIES FOR GRADUATES:

Career:

The Computer Science Management Information Systems A.A.S. degree program qualifies graduates for entry level positions in database administration, project management, and business analysis. These professionals support the day-to-day operations and assist in the management decision making process in a variety of business and industry settings.

Transfer:

Courses in the Computer Science Management Information Systems A.A.S. degree program can be applied to a four-year Bachelor of Science in either Business Analytics or Information Systems.

DEGREE REQUIREMENTS (COMPUTER SCIENCE MANAGEMENT INFORMATION SYSTEMS A.A.S.):

FIRST SEMESTER

Course	Term	Credits	Milestones/Progress Check
CSCI 1101 Computer Concepts & Apps	AU/SP/SU	3	• Upon completion of the first semester, students should meet with a program advisor to plan their schedule including the selection of appropriate electives.
CSCI 1103 Intro to Programming Logic	AU/SP/SU	3	
MATH 111 Discrete Mathematics for Computing	AU/SP/SU	3	
ENGL 1100 Composition I	AU/SP/SU	3	
COLS 1100 First Year Experience Seminar	AU/SP/SU	1	
Semester Credits		13	

SECOND SEMESTER

Course	Term	Credits	Milestones/Progress Check
CSCI 1152 Networking Concepts (Network+)	AU/SP/SU	3	
CSCI 1275 Business Analysis with Agile Development Frameworks	AU/SP	3	
CSCI 1320 Database Fundamental	AU/SP/SU	3	
CSCI 2330 Project Mgt Fund & Case Studies	AU	4	
CSCI Elective (Programming Technical Elective)	AU/SP/SU	3	
Semester Credits		16	

THIRD SEMESTER

Course	Term	Credits	Milestones/Progress Check
BMGT 1101 Principles of Business	AU/SP/SU	3	• Upon completion of the third semester, students should meet with a program advisor to develop a transfer plan including selection of appropriate electives.
Basic Elective	AU/SP/SU	3	
Semester Credits		6	

FOURTH SEMESTER

Course	Term	Credits	Milestones/Progress Check
CSCI (Database Technical Elective)	AU/SP/SU	3	
CSCI 2380 Business Intelligence Fundamentals	AU	3	
BMGT 2258 Operations Management	AU/SP/SU	3	
COMM 2200 Business Communication	AU/SP/SU	3	
SBS Elective (select from approved GE-SBS list)	AU/SP/SU	3	
Semester Credits		15	

FIFTH SEMESTER

Course	Term	Credits	Milestones/Progress Check
CSCI 2385 Bus Intelligence Data Analytics/Report	SP	3	
CSCI 2802 CSCI Seminar and CSCI 2902 CSCI Practicum (or CSCI 2999 CSCI Capstone)	AU/SP/SU and On Demand (or SP)	1 and 3 (or 3)	
HUM Elective (select from approved GE-HUM list)	AU/SP/SU	3	
NAT Elective(select from approved GE-NAT list)	AU/SP/SU	3	
Basic Elective	AU/SP/SU	3	
Semester Credits		15-16	
Total		65-66	

AU: Autumn Semester/SP: Spring Semester/SU: Summer Semester
Requirements subject to change.