MONROE COLLEGE
School of Information Technology

Computer Information Systems (BS)   **Total Credits: 120**

Major-Related Courses: 57 Credits

Course #	Course Name	Credits
IT-100	Introduction to Information Technology	3
IT-120	Computer Hardware	3
IT-126	Computer Software	3
IT-130	Database	3
IT-150	Web Design Technology	3
IT-170	Cisco I: Cisco Networking Basics	3
IT-172	Cisco II: Cisco Basic Routing	3
IT-280	Object Oriented Programming	3
IT-373	Network Security	3
IT-376	Wireless Technology	3
IT-390	Internship seminar	3
IT-495	Senior Seminar	3
	Major Area Electives, Open Electives, or Minor Courses	21
	Sub-total:	57

General Education and Related Courses: 63 Credits

Course #	Course Name	Credits
EN-111	College Writing and Critical Analysis	3
EN-121	Analytical Thinking, Writing, and Research	3
EN-206	Professional Writing and Presentation	3
EN-221	Literary Criticism and Analysis	3
IT-160	Programming Logic	3
IT-260	Advanced Programming	3
IT-295	System Analysis and Design	3
IT-320	Operating Systems	3
IT-330	Database Management Systems	3
IT-396	Management Information Systems	3
IT-494	IT Project Management	3
LA-122	Fundamentals of Communication	3
MA-115	Quantitative Reasoning	3
MA-120	Finite Mathematics & Linear Modeling	3
MA-145	Statistics for Business Decisions I	3
	or	
MA-242	Calculus I	3
	Liberal Arts Electives (including IT-Liberal Arts Courses)	18
	Sub-total:	63