

MONROE COLLEGE

School of Information Technology

Computer Networks & Cybersecurity (BS)

Total Credits: 60

Major-Related Courses: 57 Credits

<u>Course #</u>	<u>Course Name</u>	<u>Credits</u>
IT-100	Introduction to Information Technology	3
IT-120	Computer Hardware	3
IT-126	Computer Software	3
IT-170	Cisco I: Cisco Networking Basics	3
IT-172	Cisco II: Cisco Basic Routing	3
IT-270	Cisco III: Cisco Switching	3
IT-271	Cisco IV: Cisco Wan Technologies	3
IT-275	Networking in a Windows Environment	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

<u>Course #</u>	<u>Course Name</u>	<u>Credits</u>
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
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
IT-160	Programming Logic	3
IT-295	System Analysis and Design	3
IT-320	Operating Systems	3
IT-387	Ethical Hacking	3
IT-472	Information Security	3
IT-477	Network and Computer Forensics	3
IT-494	IT Project Management	3
	Liberal Arts Electives (including IT-Liberal Arts Courses)	18
Sub-total:		63

Go to [2019-2020 Undergraduate Catalog](#) for course descriptions.