

**NETWORK MANAGEMENT AND SECURITY (BS)**  
**SPECIALTY: ADVANCED CISCO NETWORKING**  
**2018-2019 RECOMMENDED PROGRAM SEQUENCE (Full-time)**  
**120 CREDITS**

NETMGTSEC BS (ACNS)

FRESHMAN YEAR						
<u>Fall Semester</u>			(15-16 credits)	<u>Winter Semester</u>		(15 credits)
ACES100	Achieving Career and Education Success	3		COMM120	Presentation Techniques	3
ENGL109	Composition	3		ENGL110	Advanced Composition	3
MATH135 or MATH150 or MATH215	College Algebra or Pre-Calculus or Calculus I	3-4		MGMT211	Management Foundations	3
NETW101	PC Operating Systems	3		NETW152	Cisco Routing and Switching	3
NETW151	Cisco Networking Fundamentals	3			Science Elective	3
SOPHOMORE YEAR						
<u>Fall Semester</u>			(15 credits)	<u>Winter Semester</u>		(15 credits)
BITS211	Microcomputer Applications: Spreadsheet	3		BUSN210	Professional Ethics	3
NETW141	MS Client and Server OS	3		IAAS224	Implementing Network Security	3
NETW217	UNIX Operating Systems	3		NETW201	PC Maintenance and Management	3
NETW251	Cisco Scaling Networks	3		NETW241	MS Implement Network Infrastructure	3
SOSC201	Diversity in Society	3		NETW252	Cisco Connecting Networks	3
JUNIOR YEAR						
<u>Fall Semester</u>			(13-14 credits)	<u>Winter Semester</u>		(16 credits)
ACCT200 or ACCT201	Accounting Basics for Managers or Accounting Foundations I	3-4		ENGL311	Professional Writing	3
NETW311	Cisco Networking Advanced Routing	4		GPMT287	Principles of Project Management	3
NETW325	Wireless Networking and Security	3		NETW312	Cisco Networking Secure WANs	4
STAT220	Introduction to Statistics	3			Open Elective	6
SENIOR YEAR						
<u>Fall Semester</u>			(16 credits)	<u>Winter Semester</u>		(13-15 credits)
NETW326	IP Telephony	3		NETW412	Cisco Networking Optimize WANs	4
NETW411	Cisco Networking Advanced Switching	4		NETW490 or TECH489	Networking Internship or Field Experience in Technology	3
NETW440	Network Design and Management	3		TECH497	College of Technology Capstone	3
SOSC301	Globalization and World Diversity	3			Open Elective	3-5
	Open Elective	3				

This information is subject to change and cannot be considered an agreement or contract between individual students and Davenport University. Refer to the current University catalog to confirm degree requirements.

Last Updated: 11/30/2017 LD

Finalized: 11/30/2017 LD