DAVENPORT UNIVERSITY

NETWORK MANAGEMENT AND SECURITY (BS)
SPECIALTY: SERVER ADMINISTRATION
2021-2022 RECOMMENDED PROGRAM SEQUENCE (Full-time)
120 CREDITS

NETMGTSEC BS (SADS)

FRESHMAN YEAR

Fall Semester		(15 credits)	Winter Semester		(15-16 credits)
ACES100	Achieving Career and Education Success	3	COMM120	Presentation Techniques	3
ENGL109	Composition	3	ENGL110	Advanced Composition	3
MATH120 or MATH125	College Mathematics or Intermediate Algebra	3	MATH135 or MATH150 or MATH215	College Algebra or Pre-Calculus or Calculus I	3-4
NETW101	PC Operating Systems	3	MGMT211	Management Foundations	3
NETW151	Cisco Networking Fundamentals	3	NETW152	Cisco Routing and Switching	3

SOPHOMORE YEAR

Fall Semester		(15 credits)	Winter Semester		(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 Enterprise Networking	3	NETW241	MS Implement Network Infrastructure	3
SOSC201	Diversity in Society	3	NETW253	Cisco Network Programmability	3

JUNIOR YEAR

Fall Semester		(15-16 credits)	Winter Semester		(15 credits)
ACCT200 or ACCT201	Accounting Basics for Managers or Accounting Foundations I	3-4	ENGL311	Professional Writing	3
GPMT287	Principles of Project Management	3	NETW235	UNIX/Linux Server Administration	3
IAAS240	Cisco Cyber Operations	3	NETW243	MS Administer SQL Server	3
IAAS245	Disaster Recovery	3	STAT220	Introduction to Statistics	3
NETW341	MS Plan and Implement Active Directory	3		Science Elective	3

SENIOR YEAR

Fall Semester		(15 credits)	Winter Semester		(13-15 credits)
NETW325 or NETW326	Wireless Networking and Security or IP Telephony	3	NETW490 or TECH489	Networking Internship or Field Experience in Technology	3
NETW435	Virtualization	3	TECH497	College of Technology Capstone	3
NETW440	Network Design and Management	3		Open Electives	7-9
SOSC301	Globalization and World Diversity	3			
	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.