DAVENPORT UNIVERSITY

NETWORK MANAGEMENT AND SECURITY (BS)

SPECIALTY: SERVER ADMINISTRATION

2017-2018 RECOMMENDED PROGRAM SEQUENCE (Full-time)

120 CREDITS

NETMGTSEC BS (SADS)

FRESHMAN YEAR

Fall Semester		(15-16 credits)	Winter Semester		(15 credits)
ACES100	Achieving Career and Education Success	3	COMM120	Presentation Techniques	3
NETW101	PC Operating Systems	3	ENGL110	Advanced Composition	3
NETW151	Cisco Networking Fundamentals	3	MGMT211	Management Foundations	3
ENGL109	Composition	3	NETW152	Cisco Routing and Switching	3
MATH135 or MATH150 or MATH215	College Algebra or Pre-Calculus or Calculus I	3-4		Science Elective	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	NETW201	PC Maintenance and Management	3
NETW251	Cisco Scaling Networks	3	NETW252	Cisco Connecting Networks	3
NETW217	UNIX Operating Systems	3	NETW241	MS Implement Network Infrastructure	3
SOSC201	Diversity in Society	3	IAAS224	Implementing Network Security	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
NETW325	Wireless Networking and Security	3	GPMT287	Principles of Project Management	3
NETW235	UNIX/Linux Server Administration	3	NETW243	MS Administer SQL Server	3
NETW341	MS Plan and Implement Active Directory	3	NETW350	Configuring MS Exchange Server	3
STAT220	Introduction to Statistics	3		Open Elective	3

SENIOR YEAR

Fall Semester		**(15 credits)**	**Winter Semester**		**(13-15 credits)**
NETW326	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			

Optional - Mathematical Modeling Specialty [MMSP]

		(12 credits)
MATH216	Calculus II	4
MATH317	Calculus III	4
MATH350	Differential Equations with Modeling	4

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.