



Plan of Study

BACHELOR OF SCIENCE

NETWORK AND SECURITY ADMINISTRATION

Catalog Year: 2025-2026

Sample Schedule: students are not limited to this plan; it is meant to serve as a guide for planning purposes in discussions with your academic advisor. This plan is one possible path to completing this degree in *four years*.

FIRST YEAR

Fall Semester

Course	Prerequisites / Comments	Credits	Semester(s) Offered
CSC 105 Intro to Computers		3	
CSC 150 Computer Science I		3	
ENGL 101 Composition		3	
MATH 114 College Algebra		3	
Natural Science		3	
	Total Credit Hours	15	

Spring Semester

Course	Prerequisites / Comments	Credits	Semester(s) Offered
CSC 134 Introduction to Cyber		3	
CSC 163 Hardware, Virtual. & Data Comm.		3	
CSC 250 Computer Science II	CSC 150	3	
MATH 281 Intro to Statistics	MATH 114	3	
CMST 101, 215 or 222		3	
	Total Credit Hours	15	

SECOND YEAR

Fall Semester

Course	Prerequisites / Comments	Credits	Semester(s) Offered
CSC 234 Software Security	CSC 250	3	Fall and Summer
CSC 285 Networking I		3	
CSC 334 Web Development	CSC 250	3	
Arts and Humanities		3	
ENGL 201 Composition II	ENGL 101	3	
	Total Credit Hours	15	

Spring Semester

Course	Prerequisites / Comments	Credits	Semester(s) Offered
CSC 385 Networking II	CSC 285	3	Spring and Summer
CSC 409 Operating Environments		3	
Elective		3	
Social Science		3	
Arts and Humanities		3	
	Total Credit Hours	15	

THIRD YEAR

Fall Semester

Course	Prerequisites / Comments	Credits	Semester(s) Offered
CSC 321 Cyber Law and Policy	30 Credits Completed	3	
CSC 387 Routing and Switching	CSC 385	5	Fall and Summer
CSC 430 Windows Administration	CSC 285 and CSC 409	3	Fall
Social Science		3	
	Total Credit Hours	14	

Spring Semester

Course	Prerequisites / Comments	Credits	Semester(s) Offered
CIS 484 Database Management Systems		3	
CSC 407 Advanced Routing and Switching	CSC 387	3	Spring
CSC 431 Linux/Unix Administration	CSC 285 and CSC 409	3	Spring and Summer
Elective		3	
Natural Science		3	
	Total Credit Hours	15	

FOURTH YEAR**Summer**

Course	Prerequisites / Comments	Credits	Semester(s) Offered
CSC 494/498 Internship or Undergrad Research		3	

Fall Semester

Course	Prerequisites / Comments	Credits	Semester(s) Offered
CSC 388 Computer Forensics Fundamentals		3	
CSC 436 Offensive Network Security	CSC 409 and CSC 385	3	Fall
CSC 439 Threat Hunting & IR	CSC 409 and CSC 385	3	Fall
Elective		4	
	Total Credit Hours	13	

Spring Semester

Course	Prerequisites / Comments	Credits	Semester(s) Offered
CSC 437 Survey Of Network Administration	CSC 163 and CSC 385	3	Spring
CSC 438 Defensive Network Security	CSC 385	3	Spring and Summer
CSC 443 Scripting for Network Administration	CSC 409	3	Spring
Elective		3	
Elective		3	
	Total Credit Hours	15	

Information and course schedules may change. This is not a contract.

Unless otherwise noted, courses are generally offered most semesters.

Revised 8/25