

Computer Network Operations AAS Example Term-by-Term Planner 2023-2024

Please use this Term by Term Planner with your academic advisor to plan your General Education Requirements and meet your degree.

First Year	
Fall	
CIS 100 Computer Careers Exploration	1
CS 179 Introduction to Unix/Linux	4
MTH098 or MTH095 or higher	4
Open Elective- Any 100 or 200 level course	4
Program Elective- Any CIS, CS or MTH095 or higher	4
Winter	
CS 206 Co-op Ed: Computer Information Technology	2
CS 240W Advanced Windows: Server Management	4
CS 189 Routing and Switching Essentials	4
CS161P Computer Science 1 (Recommended)	4
Spring	
CS 273 Introduction to Virtualization and Cloud Computing	4
CS162P Computer Science 2 (Recommended)	4
Human Relations Requirement	3-4
WR121 Academic Composition or higher	4
NOTES:	
Grade Requirements: C- or better, or Pass.	
Students should meet with academic advisor for term by term planning and review	
CS133JS and CS233JS programming sequence should be taken in place of CS161P and CS162P	
if student would like to focus on web applications.	

Second Year	
Fall	
CS 284 Network Security Fundamentals	4
CIS 140U Introduction to Unix/Linux	4
CS 279 Scaling Networks	4
Open Elective- Any 100 or 200 level course	4
Winter	
CS 240U Advanced Unix/Linux: Server Management	4
CS 275 Introduction to Database Systems and Modeling	4
Program Elective- Any CIS, CS or MTH025 or higher	4
Open Elective- Any 100 or 200 level course	5
Spring	
CS 280CN Co-op Ed: Computer Network Operations	3-12
Program Elective- Any CIS, CS or MTH095 or higher	4
CS 288 Network Monitoring and Management	4

Program Electives:		
CIS140W	Intro to Operating Systems: Windows Clients	4
CIS287	Microcomputer Hardware	4
CS285	Cybersecurity Operations	4
CS286	Firewalls and VPNs	4
CS290	Ethical Hacking Fundamentals	4
*And/Or choose courses from any of the following subjects:		
CS	Computer Science	
CIS	Computer Information Systems	
MTH	Mathmatics (MTH095 or higer)	