

Keep your checklist up to date and bring to any advising meetings

Name: \_\_\_\_\_

**30 Total Credits**

## Communication Networks MS

**2022**

Your Grade	Semester Completed	Course #	Course Name	Credits
Core Courses (Required, typically taken the first fall semester)				12 total
		CNET 601	Programming & Problem Solving in Telecommunications or Qualifying Waiver Exam	3 (non-degree)
		CNET 715	Converged Network Concepts	3
		CNET 740	Fiber-Optic Communications	2
		CNET 741	Fiber-Optic Communication Lab	1
		CNET 751	Wireless Communications	3
		GRCS 701	Research Methods	3
Options (Appear on Transcript)				9 total
Fiber-Optic and Photonic Communications (Choose any three courses)				
		CNET 745	Advanced Fiber-Optic Communications	3
		CNET 748	Fiber Optic Test & Measurement	3
		EEEE 771	Optoelectronics	3
		MFET 655	Surface Mount Electronics Manufacturing	3
Wireless Communications Option (Choose any three courses)				
		CNET 750	Wireless Systems Regulation	3
		CNET 752	Advanced Wireless Communications	3
		CNET 753	Wireless Networks	3
Network Design and Management (Choose any three courses)				
		CNET 620	Applied Machine Learning	3
		CNET 723	Telecommunications Network Engineering	3
		CNET 747	Next Generation Networks	3
		CNET 760	Network Planning and Design	3
Completion Strategy (Comprehensive Exam, Capstone Project, or Thesis)				9 total
Comprehensive Exam (Complete three courses and take a comprehensive exam at end of last term)				
		CNET 795	Comprehensive Exam	0
			Approved Elective	3
			Approved Elective	3
			Approved Elective	3
Capstone Project (Complete all three courses)				
		CNET 797	Graduate Project	3
			Approved Elective	3
			Approved Elective	3
Thesis (Complete all three courses)				
		CNET 788	Graduate Thesis Planning	3
		CNET 790	Graduate Thesis	3
			Approved Elective	3

\* Up to a year of Optional Curricular Practical Training (CPT) can be taken after two semesters in the program