

Study Plan

Master of Science in Telecommunications

Name: _____ ID# _____

Signature: _____

Semester admitted: _____

Area of concentration:

- Communications System
- Information Administration
- Networking

Revision # : _____

Date: _____

Approved: _____

	Course	Semester	Grade
Required Courses	ECE 673		
	ECE 642		
	ECE 683/CS 652		
	ECE 644		
Professional Skills (Select two courses)	CS 630		
	ECE 636		
	ECE 638/CS 696		
	EM 636		
Project/Thesis			
Elective Courses			
Bridge Courses			
Non-degree Courses			

Elective Courses:

Communications Systems	ECE 645 Wireless Networks ECE 658 VLSI Design I ECE 690/CS 650 Computer Systems Architecture ECE 692 Embedded Computing Systems ECE 742 Communications Systems II ECE 745 Advanced Wireless Networks ECE 757 Advanced Wireless Communications ECE 776 Information Theory ECE 788/789 Selected Special Topics
Information Administration	ECE 637/CS 656 Internet and Higher-Layer Protocols ECE 639/CS 697 Principles of Broadband Networks ECE 649 Compression in Multimedia Engineering MIS 635 Management of Telecommunications MIS 636 Telecommunications: Policies and Regulations CS 604 Client/Server Computing CS 608 Cryptography and Security CS 631 Data Management Systems Design CS 632 Advanced Database System Design CS 734 Data Mining ECE 788/789 Selected Special Topics
Networking	ECE 637/CS 656 Internet and Higher-Layer Protocols ECE 639/CS 697 Principles of Broadband Networks ECE 645 Wireless Networks ECE 658 VLSI Design I ECE 681 Broadband Packet Switches ECE 690/CS 650 Computer Systems Architecture ECE 692 Embedded Computing Systems ECE 745 Advanced Wireless Networks ECE 783 Computer Communication Networks CS 604 Client/Server Computing ECE 788/789 Selected Special Topics

Other courses related to Telecommunications may be selected as electives with written approval from the corresponding Graduate Advisor. Students must take at least 15 credits of ECE graduate courses; an ECE course is one with the prefix “ECE”.