

Elective Courses:

Management and Administration:

ECE 638/CIS 696-Networks Management and Security
CIS 679-Management of Computer and Information Systems
MIS 635-Management of Telecommunications
MIS 636-Telecommunications: Policies and Regulation

Communication Systems:

ECE 639/CIS 697-Principles of Broadband ISDN and ATM
ECE 646-Introduction to Data Communication
ECE 649-Compression in Multimedia Engineering *or* CIS 658-Multimedia Systems
ECE 673-Random Signal Analysis I
ECE 685-Network Interface Design
ECE 742-Communications Systems II
ECE 755-Digital Communications
ECE 757-Wireless Communications

Networking:

ECE 638/CIS 696-Networks Management and Security
ECE 639/CIS 697-Principles of Broadband ISDN and ATM
ECE 673-Random Signal Analysis
ECE 783-Computer Communication Networks
CIS 604-Introduction to Client-Server Computing
CIS 633-Distributed Systems
CIS 637-Real-Time Systems
CIS 650-Computer Architecture *or* ECE 690-Computer Sys.

Architecture

CIS 654-Telecommunication Networks Performance Analysis
CIS 656-Internetworking and Higher Layer Protocols
CIS 665-Algorithmic Graph Theory

Information:

CIS 604-Introduction to Client-Server Computing
CIS 631-Data Management Systems Design
CIS 658-Multimedia Systems *or* ECE 649-Compression in Multimedia Engineering
CIS 696/ECE 638-Networks Management and Security

Other ECE/CIS courses related to telecommunications may be selected as electives with written approval from the appropriate department Graduate Advisor.