

MS Telecommunications (Information Administration)		
Core	ECE 642	Communication Systems I
	ECE 644	Introduction to Wireless and Personal Communications Systems
4 courses	ECE 673	Random Signal Analysis I
	ECE 683	Computer Network Design and Analysis OR CS 652 Computer Networks-Architectures, Protocols and Standards
Professional Skills	CS 630	Advanced Operating System Design
	MIS 635	Management of Telecommunications
2 courses	ECE 636	Computer Networking Laboratory
	ECE 638/CS 696	Network Management and Security
Electives	ECE 637/CS 656	Introduction to Internet Engineering
	ECE 639/CS 697	Principles of Broadband Networks
	ECE 649	Compression in Multimedia Engineering
4 courses	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
Project, Thesis (optional)		
ECE 700	Master's Project in Telecommunications (3 Credits), replace 1 Elective	
ECE 701	Master's Thesis in Telecommunications (6 Credits), replace 2 Electives	