

Area Courses

Computer Networks

Fundamental Courses

CSCI 402 Operating Systems
 CSCI 455x

EE 450 Introduction to Computer Networks

EE 457 Computer Systems Organization

EE 467 Introduction to Communication Systems

EE 503 Probability for Electrical and Computer Engineers

Hardware

EE 533 Network Processor Design and Programming
 EE 450 EE 457

Algorithms and Theory

EE 511 Simulation Methods for Stochastic Systems
 EE 503

CSCI 570 Analysis of Algorithms

EE 649 Stochastic Network Optimization
 EE 503

EE 550 Design and Analysis of Computer Communication Networks
 EE 450, EE 503

EE 597 Wireless Networks
 EE 467 EE 450, EE 503

EE 650 Advanced Topics in Computer Networks
 EE 550 or CSCI 551 EE 450, EE 503

Protocols and Systems

EE 542 Internet and Cloud Computing
 EE 450 or EE 457

EE 555 Broadband Network Architectures
 EE 450, EE 503

EE 579 Wireless and Mobile Networks Design and Laboratory
 EE 550 or EE 555 or CSCI 551

CSCI 551 Computer Communications
 CSCI 402, EE 450

CSCI 558L Internetworking and Distributed Systems Laboratory
 CSCI 551 and CSCI 555 CSCI 402, EE 450

EE 652 Low-Power Wireless Networks
 CSCI 402 EE 450

Physical Layer Communications

EE 535 Mobile Communications
 EE 503

EE 635 Advanced Wireless Communications
 EE 535

Legend

Grouping

EE 000 Course Title
 Recommended Prep. Prerequisite Courses
 Corequisite Courses

This chart shows course relationships

Please check the University Catalogue for specific course details including any recommended preparatory courses and Degree Requirements