

Area Courses

Computer Networks

Fundamental Courses

CSCI 402 Operating Systems

4 units
 CSCI 455x

EE 450 Introduction to Computer Networks

4 units

EE 457 Computer Systems Organization

4 units

EE 467 Introduction to Communication Systems

3 units

EE 503 Probability for Electrical and Computer Engineers

4 units

Hardware

EE 533 Network Processor Design and Programming

3 units EE 457
 EE 450

Algorithms and Theory

EE 511 Simulation Methods for Stochastic Systems

1 unit EE 503

CSCI 570 Analysis of Algorithms

4 units

EE 649 Stochastic Network Optimization

3 units EE 503

EE 550 Data Networks: Design and Analysis

4 units EE 450, EE 503

EE 597 Wireless Networks

4 units EE 450, EE 503
 EE 467

EE 650 Advanced Topics in Computer Networks

3 units EE 450, EE 503
 EE 550 or CSCI 551

Protocols and Systems

EE 542 Internet and Cloud Computing

3 units EE 450 or EE 457

CSCI 551 Computer Communications

4 units CSCI 402, EE 450

EE 555 Broadband Network Architectures

4 units EE 450, EE 503

CSCI 558L Internetworking and Distributed Systems Laboratory

3 units CSCI 402, EE 450
 CSCI 551, CSCI 555L

EE 579 Wireless and Mobile Networks Design and Laboratory

3 units EE 550 or EE 555 or CSCI 551

EE 652 Low-Power Wireless Networks

3 units EE 450
 CSCI 402

Physical Layer Communications

EE 535 Mobile Communications

4 units EE 503
 EE 511

EE 635 Advanced Wireless Communications

3 units EE 535

Legend

Grouping

EE 000 Course Title

Course Units Prerequisite Courses
 Recommended Prep. Corequisite Courses

This chart shows course relationships

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