

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

4 units
EE 450 EE 457

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 & Adaptive Learning for Discrete Time Systems

4 units
EE 503

EE 550 Data Networks: Design and Analysis

4 units
EE 450 EE 503

EE 597 Wireless Networks

4 units
EE 467 EE 450, EE 503

EE 650 Advanced Topics in Computer Networks

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

Protocols and Systems

EE 542 Internet and Cloud Computing

4 units
EE 457 EE 450

EE 555 Broadband Network Architectures

3 units
EE 450, EE 503

EE 652 Low-Power Wireless Networks

3 units
CSCI 402 EE 450

CSCI 551 Computer Networking

4 units
CSCI 402, EE 450

CSCI 558L Internetworking and Distributed Systems Laboratory

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

Physical Layer Communications

EE 535 Mobile Communications

4 units
EE 510 EE 503

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