

## **CS 415 - Network Security**

3 Credit Hours

This course introduces students to network security. By examining case studies and reading seminal research papers, students will learn about network attacks and vulnerabilities as well as current defenses. Topics covered include cryptography, confidentiality and authentication protocols, botnets, firewalls, intrusion detection systems, and communication privacy and anonymity.

### **Prerequisites**

[CS 210](#) [CS 111](#)