

Bachelor of Science in Computer Networking Degree and Certificate Programs

Computer networking is now a necessary component of most organizations, large and small. This degree prepares students to design, manage, and maintain computer networking systems, including LAN, WAN, and enterprise networks, and for a career in network administration or analysis, network design, system consulting, or system analysis. Taught by computer networking professionals, courses cover computer hardware, software, architecture, and networking subjects, and offer a comprehensive understanding of computer networks, from conceptual framework through the technical complexities of hardware and software.

Sample CN Degree Requirements

Courses are offered online and in the classroom

General Core Studies (45 credit hours)

Foundational Courses (27 credit hours)

- CS208 Computer Science Fundamentals
- CS361 Control Structures
- CS362 Data Structures
- CS372 Advanced Programming and Algorithms
- CN300 Fundamentals of Computer Networks
- CN310 Local Area Networks
- CN315 Wide Area Networks
- CN320 Network Architectures
- MT270 Introduction to Statistics OR
- MT320 Introduction to Discrete Mathematics

Advanced Major Requirements (33 credit hours)

- CS418 Ethics for the Information Technology Professional
- CS425 Systems Analysis and Design
- CS430 Operating Systems
- CS440 Computer Organization and Architecture
- CS493 Senior Capstone

Choose six upper division credit hours of Computer Networking electives from the following:

- CS406 Managing Web Technologies
- CS432 Object Oriented Analysis and Design
- CS433 Computer Systems Security
- CS434 Object Oriented Programming Java™
- CS436 Object-Oriented Programming Using C++
- CS445 Database Management
- CS448 Information Technology Project Management
- CS455 Management Information Systems
- CS459 Workflow Analysis & Groupware
- CS465 UNIX Operating System
- CS468 Advanced UNIX

Advanced Networking Specialization

- CN457 The Internet
- CN458 Internetworking Devices and Concepts
- CN466 Protocol Analysis
- CN467 Design and Management of Enterprise Networks

General Electives (23 credit hours)

Total Degree Requirements = 128 credit hours

Certificates

- Computer Networking
- E-Security

Total Certificate Requirements (12 credit hours)

Admission Requirements

- Completed application (www.regis.edu/spsugapp)
- \$50.00 nonrefundable application fee
- Official transcripts from prior college(s)
- 3 years of full-time work experience

Tuition (2007-2008)

- Classroom Tuition: \$335 per credit hour
- Online Tuition: \$435 per credit hour

Financial Aid

Regis University offers a comprehensive financial aid program for eligible students. For more information please call our FA Office at 1.800.388.2366 or visit us online at www.regis.edu/financialaid.

Start Dates (2007-2008)

Courses are offered in 8-week formats

- Fall 8W2 Term 10/22/2007
- Spring 8W1 Term 01/07/2008
- Spring 8W1 Term 03/03/2008
- Summer 8W1 Term 05/05/2008
- Summer 8W2 Term 06/30/2008

Applications are due one month prior to start.

Important Contact Information

- Admissions 1.800.944.7667
- Financial Aid 1.800.388.2366
- Book Store 1.800.388.2366 Ex. 4150
- Library 1.800.388.2366 Ex. 4030
- Web Site: www.regis.edu/sps
- Email: info@regis.edu