

Network Technology

Network Security Concentration

This concentration is geared toward students who are considering careers in network security, security administration, and security infrastructure design. The course work focuses on network security technologies, best practices in security design, and security management.

COURSE REQUIREMENTS

Liberal Studies

The Liberal Studies program is the general education portion of the curriculum at DePaul University. Students must earn a grade of D or better in all courses taken to satisfy these requirements. The only exception is the Capstone course which is considered also a major requirement and in which students need to earn a C- or better.

Students may choose to take some [CDM courses that carry Liberal Studies credit](#) but they cannot double count them if they are part of the major requirements. A complete list of courses that carry Liberal Studies credit can be found on the [Liberal Studies website](#) along with an overview of the [Liberal Studies requirements for this program](#). Students can search for courses that satisfy a particular Liberal Studies requirement on [campusconnect](#).

Note Students must complete an ethics class as one of the Philosophical Inquiry or Religious Dimensions requirements. In this sample schedule the ethics requirement replaces one of the Philosophical Inquiry requirements.

The representation of these course requirements on a year-by-year basis is just a suggestion. Students are free to take these courses in any order they choose, provided they have mastered the course- specific prerequisites.

Displaying Winter Course Availability

In-Class
 In-Class and Online
 Online Only
 Not currently offered

First Year

- IT 201 Introduction to Information Systems
 - IT 130 The Internet and the Web [IT 130 Self-Test](#)
 - IT 240 Introduction to Desktop Databases [IT 240 Self-Test](#)
 - IT 263 Applied Networks and Security
 - IT 231 Web Development I
 - MAT 140 Discrete Mathematics I
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Liberal Studies Requirements

Second Year

- CSC 261 Programming in C++ I

- [CSC 262](#) Programming in C++ II
- [TDC 311](#) Computers in Telecommunications Systems
- [TDC 362](#) Principles of Data Communications
- [CNS 340](#) Fundamentals of Information Assurance
- [WRD 204](#) Technical Writing
- or [WRD 301](#) Writing in Workplace Contexts

Liberal Studies Requirements

Third Year

- [TDC 363](#) Introduction to Local Area Networks
- [TDC 365](#) Network Interconnection Technologies
- [TDC 377](#) Fundamentals of Network Security
- [CMNS 212](#) Small Group Communication
- or [CMNS 220](#) Public Speaking

1 Major Elective

Liberal Studies Requirements

Fourth Year

- [CNS 378](#) Host and Information Security
- [TDC 379](#) Telecommunication and Network Security Practicum
- [TDC 375](#) Network Protocols
- [TDC 368](#) Network Programming
- [TDC 376](#) Network Project (Capstone)

1 Major Elective

6 Open Electives

Major Electives

Major Electives can be chosen from any [300 level TDC courses](#).

Students must earn a grade of C- or higher in all major elective courses.

Open Electives

Open Electives may be taken from any unit at DePaul. These are the only courses that may be taken under the pass/fail option (see the [DePaul Undergraduate Course Catalog](#) for details). Students must earn a grade of D or higher in all open elective courses.

Courses that satisfy [a CDM minor or other minors](#) are normally credited as open electives.