

INFORMATION TECHNOLOGY



Information Technology at Drexel

Computing and information-related skills are in high demand and remain dominant in nationwide forecasts of job growth. The Bachelor of Science in Information Technology program (BSIT) in the *iSchool* at Drexel prepares graduates to meet that growing demand. The BSIT is aimed at students who want a degree focused on applied information technology emphasizing IT infrastructure.

Drexel Co-op for Information Technology

A key part of the program is Drexel's prestigious co-operative education program, in which students alternate periods of classroom study with periods of professional work experience. Information Technology students can choose from the following:

- Three Co-op Option (Five Years): includes three six-month periods of full-time employment
- One Co-op Option (Four Years): includes one six-month period of full-time employment

A Few Drexel Co-op Position Titles

- Computer Systems Analyst
- Researcher
- Support Specialist
- Technician

Employers

Here are some of the companies that have hired Drexel students as co-op or full-time employees:

- Bristol-Myers Squibb Company
- Crown Holdings, Inc.
- Microsoft Corporation
- QVC, Inc.
- SAP America, Inc.
- SunGard Availability Services

Potential Careers

Computer Systems Analyst. Uses technology to meet an organization's needs. Helps an organization reap the maximum benefit from its investments in equipment, personnel, and business processes. May plan and develop new systems and conceive ways to use existing resources in new operations.

IT Director. Manages teams of support specialists who provide technical assistance, advice, and support. Responsible for making sure that telephone calls are answered, problems analyzed, and recurring difficulties resolved.

Database Administrator. Determines ways to organize and store data. Identifies users' needs, develops databases, and tests modifications. Often implements security measures that arise from designing and implementing system security.

Courses You'll Really Enjoy

Artificial Intelligence Information Systems. Introduction to the field of artificial intelligence (AI). Basic concepts, principles, and techniques used to achieve the goals of AI are studied. Examples and applications are specific to information systems.

Server Technology I. Addresses information systems that have server-based architectures. Introduces students to basic concepts of servers and server-based architecture. Discusses dependence on features and capabilities of the underlying operating system. Reviews concepts of operating systems, their architectures, and services. Discusses the client-server and various client-server architectures.

Computer Networking Technology. Focuses on the design, construction, and use of modern networks and internetworks. Prepares students to successfully create and operate modern secure networks. Major topics include LAN design and construction, internetwork architecture, WAN connectivity, security, virtual private networks, and network operation in real-world environments.

Learn More: University Catalog

Detailed course descriptions can be found online at www.drexel.edu/catalog.

Accelerated Degree Options

Accelerated degree programs, such as the BS/MD, BS/PhD in Engineering, BS/JD, and BS/MBA, enable academically qualified students to earn both a bachelor's and an advanced degree, graduating sooner than they would in traditional programs. Eligible students can be admitted to an accelerated degree program in one of two ways: apply as an incoming freshman through Undergraduate Admissions or apply to the Graduate Studies Office after completing a minimum of 90 credits. To learn more about accelerated degree options, visit www.drexel.edu/em/ug/accelerated.

For More Information

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