

INFORMATION SYSTEMS



Information Systems at Drexel

The demand for individuals skilled in the development of information systems and the management of information continues to grow. The Bachelor of Science in Information Systems in the *iSchool* at Drexel meets that demand. Students learn how to determine information needs, design appropriate information systems, manage those systems, and measure the systems' performance. The emphasis is on computer users and building professional-level information systems skills.

Drexel Co-op for Information Systems

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 Systems 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

- Applications Architect
- Help Desk Manager
- Project Manager
- Software Tester
- Systems Analyst

Employers

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

- CIGNA Corporation
- Microsoft Corporation
- SAP America, Inc.
- Siemens Corporation
- The Wharton School of the University of Pennsylvania

Potential Careers

Information Systems Manager. Manages an organization's computing resources and information systems. Helps ensure availability, continuity, and security of data and information technology services. May plan and direct the work of information technology employees, as well as recommend hardware and software upgrades based on experience with an organization's technology.

Computing Technology Manager. Plans and coordinates an organization's computer-related activities. Helps determine technical and business goals, and prepares plans to accomplish those goals by consulting with upper-level managers. May develop the requirements for a new product or service.

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.

Courses You'll Really Enjoy

Social Aspects of Information Systems. Explores technology, employment, and class structure. Introduces social issues involved in information systems design and use such as personal computing, telecommuting, computers in education, privacy, security of stored and transmitted information, and information ownership.

Human-Computer Interaction. Introduces the study of computer-based user interfaces. Presents user-interface layout and design, types, and use of interaction techniques, building a consistent look and feel throughout the interface and determining how to evaluate designs with users. Focuses on evaluating computer interfaces. Teaches the basic principles of user analysis and interface evaluation and gives a practical introduction to ergonomics.

Strategic Uses of Information Systems. Familiarizes students with basic business problems and operations and provides an understanding of how information systems can be used to benefit organizations. Introduces students to the pitfalls of developing and implementing information systems in organizations and helps students improve critical thinking skills.

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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