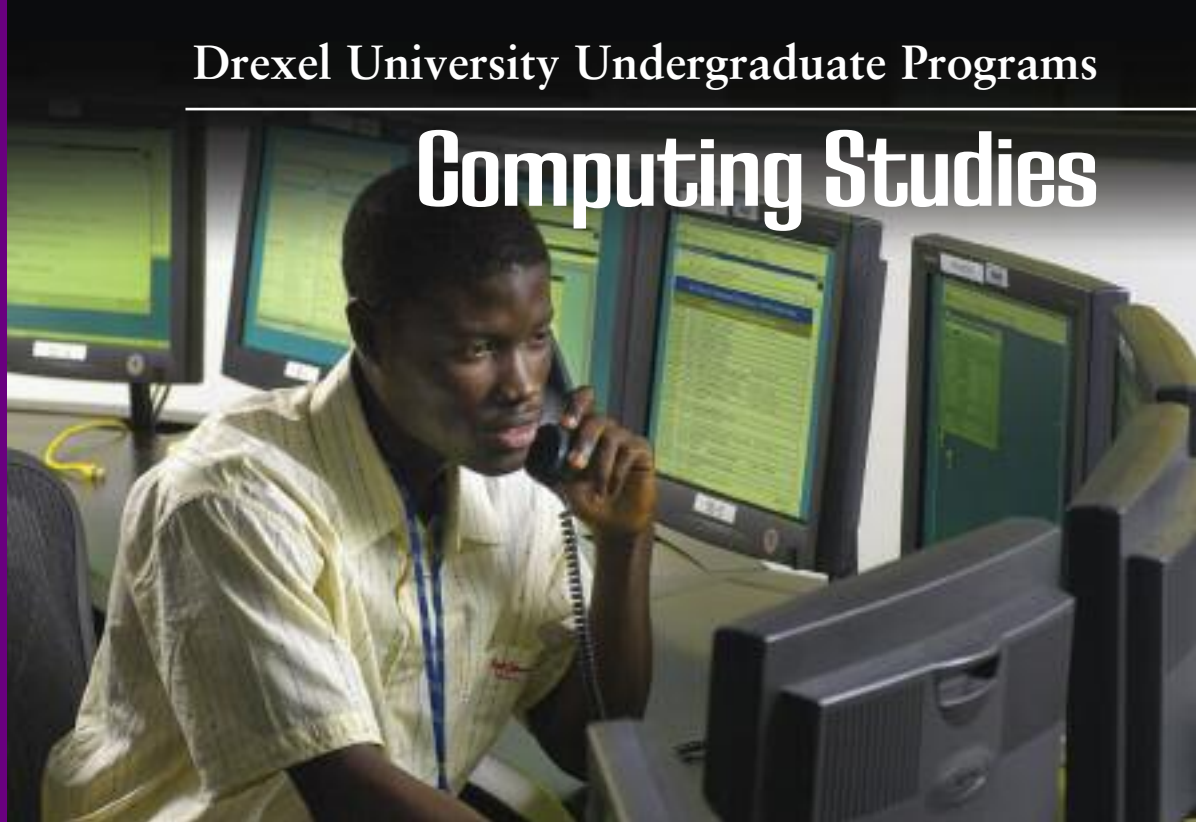


Computing Studies



Computing Studies at Drexel

In recent years, as the computer has become pervasive in our daily lives, the field of computing studies has grown in importance and become highly specialized. Drexel University offers seven undergraduate computing studies majors in three distinct colleges to prepare you for the realities of a fast-moving and ever-changing marketplace.

While there is considerable overlap and collaboration among the various departments, we encourage you to explore the major offerings in detail to find the program that suits your interests. For example, if you're interested in hands-on work with hardware and infrastructure, you could try computer engineering or information technology. If you want to design games, computer science or digital media might be the best fit.

The College of Engineering

Majors in Computer Engineering, Computer Science, and Software Engineering apply the principles of engineering to the study of computing. These programs emphasize teamwork, problem-solving, communication, and understanding the inner workings of a system or structure.

The College of Information Science and Technology

The iSchool is considered a national leader in the field of computing studies. Majors in Information Systems, Information Technology, and Software Engineering focus on the management of information from systems and networks to websites and databases.

The Antoinette Westphal College of Media Arts & Design

The Digital Media and Graphic Design programs prepare aspiring artists and designers to work in new media. The college stresses collaboration, creative problem-solving, and awareness of the social and cultural implications of design.

Computing Studies Majors

- College of Engineering programs (www.drexel.edu/coe):
 - Computer Engineering
 - Computer Science
 - Software Engineering
- College of Information Science and Technology programs (www.ischool.drexel.edu):
 - Information Systems
 - Information Technology
 - Software Engineering
- Antoinette Westphal College of Media Arts & Design programs (www.drexel.edu/westphal):
 - Digital Media
 - Graphic Design

Accelerated Degrees

Visit www.drexel.edu/em/ug/accelerated to find out which computing studies majors are eligible for accelerated degree programs.



Lee J. Leitner

BS and MS, Drexel University; PhD,
Nova Southeastern University

Auxiliary Associate Professor at The
iSchool at Drexel, College of
Information Science and Technology

Professional organizations

- Association for Computing Machinery
- The Electronic Frontier Foundation
- Institute of Electrical and Electronics Engineers
- The USENIX Association

Research interests

- Distributed systems and computer networks
- Information security and assurance
- Software engineering

Real-world connections

"In addition to teaching full-time at the college, I have an active consulting and software development company based in Bucks County."

What I like most about teaching college students

"Working with students to understand and solve important problems in information systems and technologies, and helping students succeed."

Drexel Co-op: Knowledge at Work

Classroom learning, research, projects, papers, and exams are all critical to academic pursuits. But it will take experience in your field to set you apart from other graduates. With Drexel Co-op, you can gain up to 18 months of résumé-enhancing experience by the time you receive your degree. By participating in Drexel Co-op, you'll be able to determine your career path early — an important factor considering the sheer number of careers available in computing. Drexel's computing studies students have completed co-ops with some of the nation's top companies, including:

- Microsoft Corporation
- Google, Inc.
- Comcast Corporation
- Lockheed Martin Corporation

Student Activities: Draw from Your Experience

Student activities are a great way to meet new people and stay active on campus. At Drexel you'll have a lot to choose from, starting with:

- More than 180 cultural, media, social, service, and professional organizations
- Performing arts groups focusing on dance, music, and theater, which are open to all students regardless of major
- Varsity, club, and intramural sports teams

Some organizations that might interest computing studies majors include:

- Math and Computer Science Society: This group plans events on campus throughout the year that promote mathematics and computer science.
- TechServ: One of their goals is to conquer the digital divide in Philadelphia through community service that focuses on technology.
- Women in Computing Society: This organization provides support and resources for women in the field of computing.





Campus living: Home Is Where Your Stuff Is

Drexel's residence halls are very popular stops on campus tours. Probably because prospective students know that a residence hall is more than just a place to sleep. Calhoun, Kelly, Myers, Towers, and Van Rensselaer are first-year residence halls, reserved exclusively for freshman and transfer students. For details and stats about each hall, visit www.drexel.edu/rlo/halls.

In addition to serving as a home away from home, residence halls are also a place where students can create the academic and social environment they crave. Some residential options available to students include:

- **Learning Communities:** Learning communities enable computer studies majors to live in close proximity, making it easier to form informal study groups, work on group projects, and organize social and academic activities.
- **Race Street Hall:** Drexel's newest hall is the residence for students in the Pennoni Honors College. To learn more about the Honors College, visit www.drexel.edu/honors.
- **Residence Hall Association (RHA):** RHA consists of groups of residents organized to provide educational and social programs and activities for fellow residents.

Philadelphia: A Modern Historic City

Philadelphia is a great place to live, work, and study. Here are some attractions Drexel students benefit from:

- **Reading Terminal Market:** Since its beginnings at the dawn of the 19th century, this market has constantly reinvented itself. While once simply a central location for butchers, fishmongers, and grocers, Reading Terminal Market now offers specialty and gourmet foods.
- **Fairmount Park:** Fairmount Park is Philadelphia's 9,200-acre citywide park system. Relaxing on a bench by a majestic statue, Rollerblading down Kelly Drive on the weekends, biking the many paths, visiting a historic mansion, or attending a concert are some of the activities available to students and residents.
- **Cultural Passport:** Through Drexel's Cultural Passport program, you'll receive one free admission to 27 of Philadelphia's best cultural, historical, and performing arts institutions during your first year, so you can explore everything the city has to offer.



Carlos Ferreira

Information Systems

Favorite class

- Artificial Intelligence

Professional goal

- Work overseas as a diplomat in information technology

Co-op experiences

- E.I. du Pont de Nemours & Co.
- SunGard Data Systems, Inc.

Clubs and organizations

- Tau Kappa Epsilon

Favorite pastimes

- Playing football, soccer, and tennis

Favorite Drexel hangout

- Buckley Turf

Favorite place to grab a bite

- Drexel Pizza

Best thing about Drexel

"Definitely the co-op program. Not only does it give you the opportunity to try out skills you learn before you graduate, but the program also allows you to get valuable résumé-building experience."

Enrollment*

| | |
|---------------------------------|--------|
| Total undergraduate | 13,197 |
| Total graduate and professional | 7,488 |
| Total enrollment | 20,685 |

Academic Profile*

| | |
|-------------------------------------|------|
| Average GPA (on a 4.0 scale) | 3.5 |
| Average SAT score | 1200 |
| Average class rank (top percentile) | 22.5 |

On average, Drexel freshmen graduated in the top 22% of their high school class.

Undergraduate Programs

73 full-time programs

Colleges and Schools

- Arts and Sciences
- Biomedical Engineering, Science, and Health Systems
- Business
- Education
- Engineering
- Information Science and Technology
- Law
- Media Arts & Design
- Medicine
- Nursing and Health Professions
- Pennoni Honors College
- Professional Studies
- Public Health

Admission Prerequisites

Students applying to a computing studies major will need to complete the following courses:

- Three years of mathematics
 - Algebra I and II and Geometry
- At least one year of science with lab

In addition, those applying to majors in the College of Engineering require:

- A fourth year of mathematics
 - Algebra I and II
 - Geometry/Trigonometry
 - Precalculus
- One year of chemistry and one year of physics (both with lab)

*Numbers from previous year

Financial Aid and Scholarships

Your education is an important investment. At Drexel we are committed to providing you with information and resources to help you with the cost of a college education. The first step toward receiving financial aid is to complete the Free Application for Federal Student Aid (FAFSA) available online at www.fafsa.ed.gov beginning January 1. Students starting college the following fall should submit it by March 1 for maximum financial aid consideration. Drexel uses the information provided on the FAFSA to award need-based grants and scholarships.

For specific information about loan programs, grants, and scholarships, call 1-877-DREXEL-5 to speak with a representative from EdFinancial Services. EdFinancial Services provides a call center with trained staff to answer questions about paying for a college education. The staff at the call center are not Drexel employees but are employed by EdFinancial Services. They are required to give all students independent, expert advice about paying for a college education.

To learn more about financing options, visit www.drexel.edu/financialaid. To contact a representative from Drexel's Student Resource Center/Financial Aid office, visit <http://ask.drexel.edu>.

Visit Us

The best way to learn about Drexel is to visit campus. We offer a variety of convenient options. For more information on the programs below or to receive a schedule of upcoming events, visit www.drexel.edu/em/ug/visit or call 1-800-2-DREXEL (1-215-895-2400 for international students).

- **Open Houses:** If you want to explore everything Drexel has to offer (all in one day), attend an Open House. Held on weekends in the fall and spring, Open Houses are large-scale campus events that offer information about academics, Drexel Co-op, student activities, and campus life.
- **Experience Drexel Days:** Offered throughout the year, Experience Drexel Days are ideal if you want a broad overview of Drexel's offerings. Experience Drexel Days are half-day programs to provide you with a glimpse of life at Drexel, informative sessions, tours of campus, and an academic fair.
- **Campus Visit:** Consisting of an Information Session and a student-guided tour, Campus Visits are perfect if you want a more intimate introduction to Drexel. Campus Visits are offered on weekday mornings and afternoons and on Saturday mornings.

Apply

Apply to Drexel University online at www.drexel.edu/apply. The application fee is waived for students who apply online or during a campus visit.

Contact Us

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