SCIENCES & MATHEMATICS

AT DREXEL UNIVERSITY
A NOTE FROM OUR DEAN OF ADMISSIONS

When you think about choosing the college or university you will call home, you will want to ensure that it fits your interests, and will not only support you in your goals, but encourage you to push your boundaries and to succeed in the ever-changing world.

Drexel University is a premier global research institution that has been preparing students through practical and cultural education for over 125 years. Utilizing academic and volunteer-based partnerships with our community, our students are among the most engaged students in the nation. They are not only making an impact on campus, but also in the city of Philadelphia and around the world through academics, service, and leadership.

The effectiveness of our unique educational model holds especially true for students in our Sciences and Mathematics programs. As these fields change to adapt to society’s needs, experts are constantly making new discoveries that improve the lives of many. Chemists, biologists, psychologists, and mathematicians all have an important place within our world. With a dynamic history of innovation, Drexel’s Sciences and Mathematics programs prepare students for the challenges ahead through a curriculum that includes our renowned cooperative education program, also known as co-op.

Having served as a successful blueprint of career success since 1919, co-op provides students with the opportunity for professional work before graduation. Drexel Dragons experience their chosen industries with the leaders of today, and gain the necessary firsthand knowledge to become the leaders of tomorrow. Students leave our doors on graduation day with a full understanding of the path they have chosen.

Drexel is a place where you will make your mark on the world today. I encourage you to explore what Drexel has to offer you.

Sincerely,

Evelyn K. Thimba
Vice President & Dean of Admissions
Enrollment Management & Student Success
You are always questioning and observing the world around you. Your desire to think analytically and develop new theories would allow you to succeed in the physical sciences, whether you are discovering a new element in the laboratory, studying star cluster formations in an observatory, or monitoring water quality in a local watershed. With a Drexel education, you can customize your program and quantify your passion to understand how the world works.

From the start, your curriculum will bring you to the forefront of science. Through hands-on research and interdisciplinary study, you’ll use scientific means to tackle complex social, cultural, economic, and political factors that influence society’s understanding of today’s issues. And with our cooperative education program (also known as co-op), your classwork will blend into firsthand experience out in the world, collaborating with leading professionals in your field — all before you graduate.

By the time you receive your degree, you’ll have experiences you won’t find at any other university. With the physical sciences at Drexel, you can use your skills to make an impact today and tomorrow.

Learn more about our Physical Sciences programs at drexel.edu/academics.
• Chemistry
• Environmental Studies and Sustainability
• Geoscience
• Physics
• Undeclared – Science
02
LIFE SCIENCES

The Drexel Food Lab
You appreciate the diversity in our world. You are inquisitive, and often wonder about the complex relations of living things. Every day, biological and food scientists apply their skills in pharmaceutical companies, wildlife preserves, food magazines, and restaurants to enhance the lives of many.

Whether your goals include developing new treatments for cancer, reversing the symptoms of Alzheimer’s disease, or protecting the Earth’s natural resources, Drexel provides the opportunity to gain hands-on experience working alongside faculty experts. Our innovative cooperative education program will allow you to strengthen and apply your classroom learning through real-world experience, performing cutting-edge research right in your area of study and collaborating with top experts.

This combination of traditional learning and experience will not only prepare you to excel after graduation, but will allow you to make a lasting impression in biological sciences, the food industry, or environmental sciences.

Learn more about our Life Sciences programs at drexel.edu/academics.
Your enthusiasm for helping others motivates you. You are open-minded, compassionate, and patient with people who are experiencing difficulties. These skills will enable you to become a leader in the psychological sciences, where you can make an important difference in mental health practices, research hospitals, or school districts. Professionals in this field serve essential roles that support lives and promote well-being every day. At Drexel, you will learn how to become a skillful advocate and truly make a difference.

From day one, you won’t just study issues affecting others — you’ll have direct access to patients while you learn from faculty who are active in your chosen major. Our innovative curriculum will enable you to frame and find answers to important questions, then apply your findings to patient-centered solutions. Through cutting-edge research and clinical projects, you’ll treat mental health in the community, develop new methods of brain mapping, or counsel hospital patients.

Drexel’s cooperative education program provides the opportunity to improve lives. By the time you graduate and are ready to enter the workforce, you will have already built a résumé of real-world experience and knowledge that will set you apart from your peers.

Learn more about our Psychological Sciences programs at drexel.edu/academics.
Your goal is to discover the right answers. Your ability to analyze complicated material and interpret solutions would be useful in many fields related to mathematics, including the financial, health care, and insurance industries. Math experts seek the patterns and beauty in our world. With a Drexel education, you will develop your problem-solving skills to answer some of society’s pressing problems.

Our students gain knowledge and experience through a variety of opportunities. With our unique curriculum, you will learn abstract reasoning and computing, then work with an advisor to tailor your degree to your career interests. Our innovative cooperative education program (also known as co-op) will allow you to strengthen and apply your classroom learning in a range of industry settings, or alongside distinguished faculty as you complete full-time research projects with internationally known mathematicians. You can also choose to receive an additional secondary teaching degree from our STEM major program, DragonsTeach.

You’ll move on to the next step in your career path with a competitive edge, plus a full résumé of work experience before you graduate. With the knowledge and support you can find at Drexel, you’ll be uniquely prepared to use your analytical and problem-solving skills in any career.

Learn more about our Mathematics program at [drexel.edu/academics](http://drexel.edu/academics).
Drexel Mathematics Class
COLLEGES

COLLEGE OF ARTS AND SCIENCES
The College of Arts and Sciences challenges students to see beyond their own perspectives and establish a deeper understanding of humanity’s needs. With a diverse range of programs in the humanities, social sciences, and sciences, faculty and students are making an impact to meet those needs today. The college provides a comprehensive, real-world education that empowers graduates to respond confidently to the world’s most pressing issues — now and long into their future.

COLLEGE OF NURSING AND HEALTH PROFESSIONS
The College of Nursing and Health Professions prepares students to become clinicians who practice and lead in a rapidly changing health care system. Students build a strong foundation of knowledge and skills as they are exposed to experimental learning situations before practicing in a clinical setting. Students are prepared to make an impact due to the mentoring by expert faculty who are experienced leaders in health care, research, and practice. The mentorship provided by faculty equips students to become the next wave of innovators and leaders in nursing and health professions.
COLLEGE OF ARTS AND SCIENCES
Because of its diverse academic programs and areas, the college offers labs and research facilities spread throughout campus. Students are able to collaborate via interdisciplinary study throughout the University. A few highlights include:

- **Academy of Natural Sciences of Drexel University,** the oldest natural sciences institution in the Western Hemisphere, which offers students access to more than 18 million specimens and archival collections.

- **Joseph R. Lynch Observatory,** home to a 16-inch Meade Schmidt-Cassegrain telescope, the largest in Philadelphia.

- **Drexel Publishing Group (DPG),** a resource that provides popular University literary publications such as *5027mac*, *Painted Bride Quarterly*, and *The 33rd*.

- **Drexel Writers Room,** an initiative that brings together members of the Philadelphia and Drexel communities to explore writing as a tool for learning and a mode of creative expression.

- **Maya,** Drexel’s student-run undergraduate publication, featuring literature and artwork.

- **Papadakis Integrated Sciences Building,** a 130,000-square-foot LEED Gold-certified facility with state-of-the-art teaching and research laboratories, classrooms, and North America’s largest biowall.

- **WELL Center,** an interdisciplinary clinical research center that aims to develop, test, and distribute new behavioral and technological solutions for problems such as obesity, poor diet, sedentariness, and disordered eating.

COLLEGE OF NURSING AND HEALTH PROFESSIONS
The college is located on our Center City Campus and has many resources that reinforce the best practices in health care. A few highlights include:

- **Parkway Health & Wellness,** a center for interprofessional collaboration throughout the nursing and health professions programs.

- **11th Street Family Health Services Center at Drexel University,** a clinic where students learn from the nurses who manage the clinic and interact with patients in the community.

- **Center for Interprofessional Clinical Simulation and Practice,** which simulates clinical settings for students to safely practice patient interactions and care on computerized manikins and standardized patient actors, enhancing students’ skills prior to real patient interaction.

- **Creative Arts Therapies Counseling Services,** which offers counseling to people of all ages from an approach of music therapy, art therapy, and dance/movement therapy.

Drexel’s Nursing Simulation Lab
## This is Drexel

### About Us

1891 Founded

15 Colleges & Schools

Mario the Dragon is Our Mascot

The Barcode Was Created Here

Ranked in the **Top 8 Percent** of U.S. colleges and universities by *The Wall Street Journal* and *Times Higher Education*

Drexel Crew has won six consecutive **Dad Vail Regatta** overall points titles

First University to have a fully **Wireless Campus**

Historic recordings by **David Bowie** are being restored in our Audio Archives

### Connections

**Academy of Natural Sciences of Drexel University**

Home to President Thomas Jefferson’s fossil collection

**ExCITe Center**

An incubator for studying emerging areas and mingling with research mentors

**Barnegat Bay, New Jersey**

Students study animal life in this research center on the beach

### Student Life

**WKDU 18 Student-Run Radio Station**

Drexel University Online

- **University City**
  - The University’s main campus
    - Philadelphia, PA

- **Center City**
  - Home of the College of Nursing and Health Professions
    - Philadelphia, PA

- **Queen Lane**
  - The University’s main medical campus
    - East Falls, PA

- **Drexel University Online**
  - Anywhere
**PHILADELPHIA, PA IS OUR HOME**

Home of the Philly **CHEESESTEAK**

Over 250,000 college students

Over 30 **FRATERNITIES & SORORITIES**

Over 400 **CLUBS, ORGANIZATIONS, AND INTRAMURAL SPORTS TEAMS**

**AROUND CAMPUS**

9 **RESIDENCE HALLS**

DREXEL RECREATION CENTER NAMED ONE OF PHILLY’S **BEST GYMS**

15+ **ON-CAMPUS PLACES TO EAT**

HOME OF NORTH AMERICA’S LARGEST **BIOWALL**

**FOOD TRUCKS ALL OVER CAMPUS**

**COOPERATIVE EDUCATION**

1919 YEAR DREXEL’S COOPERATIVE EDUCATION PROGRAM WAS FOUNDED

More than 1,600 **CO-OP EMPLOYERS**

Co-ops in 30 STATES (+ Washington, D.C. & Puerto Rico)

47 COUNTRIES
When Drexel was founded in 1891, A.J. Drexel’s dream was to establish a university that would fully prepare its students for future careers. Our students gain valuable experience in and out of the classroom. True to the vision of our founder, the following are just a few aspects of the University where the value of a Drexel degree shines.

**STEINBRIGHT CAREER DEVELOPMENT CENTER**
Steinbright sets you up for success at Drexel from day one. With world-class career services and preparation, you’ll have guidance throughout your Drexel career to discover your interests and develop your professional tools, such as a résumé and interview skills.

**COOPERATIVE EDUCATION (CO-OP)**
Since 1919, our curriculum has included our cooperative education program, which enables students to test drive different careers. Through Drexel Co-op, you will be able to narrow down your interests. You can gain up to 18 months of professional work experience on co-op in the United States and abroad at Fortune 500 companies, nonprofits, startups, a variety of governmental agencies, and more. Most importantly, you’ll gain a wealth of experience off campus and be able to inspire further thinking when you bring that knowledge back to the classroom.

**RESEARCH**
We have always encouraged students to question what is and to explore what can be, emphasizing the importance of research and how it can impact the world around us. Using our state-of-the-art facilities, you’ll not only assist faculty and staff with major research projects, but also take the lead in your own studies — including the opportunity for graduate-level research during your first year at Drexel. The possibilities are endless here, and you get to decide where your research will take you.
At Drexel, learning goes well beyond the traditional classroom. We encourage our students to pursue different opportunities, such as studying abroad, immersing themselves in the local community, and developing their own course of study.

- **Honors Program**: A department within the Pennoni Honors College, the Honors Program supports top-achieving students in cultivating their skills and becoming leaders in their fields. Students in the program receive benefits such as small Honors classes, Honors-specific housing, free tickets to cultural events in Philadelphia, Honors-specific advising and mentoring, and priority registration for classes.

- **Civic Engagement**: We believe in the importance of giving back to local communities — there are always opportunities to make an impact and serve the community here. Students can get involved on campus through Drexel’s Lindy Center for Civic Engagement and the Dornsife Center for Neighborhood Partnerships during community-based learning courses and volunteering for community service. But our impact doesn’t stop there; our dedication reaches out globally to improve the world around us.

- **Custom-Designed Major**: The Custom-Designed program enables you to truly individualize your academic experience and curriculum. If we don’t have the major you’re looking for, we can work together to create it or combine existing majors and minors to match your career goals. As a Custom-Designed major, you’ll be advised by Custom-Designed major staff and mentored by a Drexel faculty member who has expertise in at least one of the areas in your course of study.

- **Global Opportunities**: Includes study abroad, international co-op, and more. All Drexel students can take advantage of study abroad, which enables them to live and learn in another country while immersing themselves in the culture. Using our worldwide connections, you can choose from six continents and 60 countries! International co-op takes study abroad one step further; students not only live in another country, but also gain work experience as they test drive a potential career. Students currently on international co-op are working in over 47 countries.
We’re proud to be located in Philadelphia, Pennsylvania, the sixth largest city in the United States. Philadelphia is a revolutionary town founded on revolutionary thinking — much like the ambition Drexel students have for influencing change in the world. The City of Brotherly Love is an extension of our campus, and as a student here, you’ll take full advantage of all it has to offer.

Philly culture is known for being as diverse as its many neighborhoods. From our University City Campus in the hub of Philadelphia’s higher learning community, it’s easy to get to the stadiums in South Philly, take in some history in Old City, and enjoy the park in Rittenhouse Square. When you’re not in classes, there is plenty to do, no matter how you like to spend your free time. Being in the fifth most walkable city in the country, according to Walk Score, has its perks: concerts, performances, restaurants, and athletic events are all easy to access.

Public transportation is just steps away from campus — it’s easy to enjoy an authentic cheesesteak and then visit the famous Philadelphia Museum of Art. You can travel to historic sites around the city or connect to various locations across the country. And when you need to get away from home, Philadelphia is close to everything from farmers’ markets in Lancaster County to ski and snowboarding locations in the Pocono Mountains to strolling the best beaches in the Mid-Atlantic.
COLLEGE OF ARTS AND SCIENCES
- Biological Sciences
- Chemistry
- Communication
  - Journalism
  - Public Relations
  - Technical and Science Communication
- Criminology and Justice Studies
- Emerging Scholars Program
- English
- Environmental Science
- Environmental Studies and Sustainability
- Geoscience
  - Applied Geology
  - General Geoscience
  - Paleontology
- Global Studies
  - Global Business, Economics, and Development
  - Global Health and Sustainability
  - Global Justice and Human Rights
  - Global Media, Arts, and Culture
- History
- Mathematics
- Philosophy
  - Ethical Theory & Practice
  - Philosophy & Law
  - Philosophy, Technology, & Service
- Physics
- Political Science
- Psychology
- Sociology
- Undeclared — General Humanities and Social Sciences
- Undeclared — Science

SCHOOL OF BIOMEDICAL ENGINEERING, SCIENCE AND HEALTH SYSTEMS
- Biomedical Engineering

LEBOW COLLEGE OF BUSINESS
- Accounting
- Business Analytics
- Business and Engineering
- Finance
- General Business
- International Business
- Legal Studies

SCHOOL OF ECONOMICS
- Economics

SCHOOL OF EDUCATION
- Elementary Education
- Secondary Education

COLLEGE OF ENGINEERING
- Architectural Engineering
- Chemical Engineering
- Civil Engineering
- Computer Engineering
- Construction Management
- Electrical Engineering
- Engineering
- Engineering Technology
- Environmental Engineering
- Materials Science and Engineering
- Mechanical Engineering
- Undeclared — Engineering

CLOSE SCHOOL OF ENTREPRENEURSHIP
- Entrepreneurship and Innovation

CENTER FOR FOOD AND HOSPITALITY MANAGEMENT
- Culinary Arts and Science
  - Culinary Science
  - Food and Beverage Management
- Hospitality Management

PENNONI HONORS COLLEGE
- Custom-Designed Major

WESTPHAL COLLEGE OF MEDIA ARTS & DESIGN
- Animation & Visual Effects
- Architecture
- Art History
- Dance
- Design & Merchandising
- Entertainment & Arts Management
- Fashion Design
- Film & Television
- Game Design and Production
- Graphic Design
- Interactive Digital Media
- Interior Design
- Music Industry
  - Business
  - Recording Arts and Music Production
- Photography
- Product Design
- Screenwriting & Playwriting
- Virtual Reality & Immersive Media
- Undeclared — Design
- Undeclared — Media

COLLEGE OF NURSING AND HEALTH PROFESSIONS
- Behavioral Health Counseling
- Health Sciences
  - Pre-Physician Assistant
  - Pre-Physical Therapy
- Health Services Administration
- Nursing
- Nutrition and Foods

GOODWIN COLLEGE OF PROFESSIONAL STUDIES
- First-Year Exploratory Studies
  - Humanities and Social Sciences
  - STEM

DORNISFE SCHOOL OF PUBLIC HEALTH
- Public Health

CENTER FOR SPORT MANAGEMENT
- Sport Management
ACCELERATED DEGREES
• BS in Business/MBA
• BS in Computing and Security Technology/MBA
• BS in Culinary Arts and Science/MBA
• BS in Hospitality Management/MBA
• BS in Design and Merchandising/MBA
• BS in Entertainment and Arts Management/MBA
• BS in Information Systems/MBA
• BS in Music Industry/MBA
• BS in Sport Management/MBA

• BA/BS/MS in Communication
• BA/MS in Library and Information Science
• BA/BS/MS in Science, Technology, and Society
• BS/MS in Accounting
• BS/MS in Biomedical Engineering
• BS/MS in Computing & Informatics
• BS/MS in Education (Five Years, One-Co-op)
• BS/MS in Engineering
• BA in Philosophy/MS in Public Policy
• BS/MS in Psychology
• BA/MS in Public Policy

• BA/BS+MD Early Assurance Combined Program (Medicine)

• BA/BS/JD (Law)

• BS/DPT in Physical Therapy

• BS/MHS in Physician Assistant

• BS/MPH in Public Health

• BS in Health Services Administration/MPH in Public Health
VISIT

The best way to find out if Drexel would be the right fit for you is by scheduling a visit. We have many options to fit your schedule.

VISIT CAMPUS

Open Houses
Think Big — Join students and their families who are interested in Drexel for a campus-wide Open House in the fall, spring, or summer. At these larger events, you can get an in-depth look at academic programs, meet with current students, and take a tour of campus.

Campus Visits
Think Small — Weekdays and most Saturdays, you can schedule a Campus Visit. Each Campus Visit includes an Information Session and Student-Guided Tour of our University City Campus. The Information Session highlights Drexel’s cooperative education program, our academic offerings, and the admission and financial aid processes. Plus, there’s plenty of time for you to ask questions since you’ll be in a smaller group.
drexel.edu/undergrad/visit

Virtual Tour
If you can’t make it to campus, don’t worry; our virtual tours will give you an insider’s look into Drexel University. Whether you’d like to learn about restaurants in the area, what to do in University City, or even the best places to hear some local music, you can see it all through our virtual tours.
drexel.edu/virtual-tour

KEEP IN TOUCH

Contact Us
Our Office of Admissions is always here to help. If you have any questions, please do not hesitate to contact us:

215.895.2400
enroll@drexel.edu
drexel.edu/undergrad
We carefully consider every single application we receive. Admission is competitive and selective, and our Admissions Committee’s holistic review process assesses all aspects of the application personally. We believe it’s important to enroll the right-fit students — students who go above and beyond.

**APPLICATION DEADLINES**

**Early Decision** ........................................... November 1
Early Decision is the perfect option for students who know Drexel is the school for them and would like a decision sooner. This is a binding application plan and, if admitted, students must withdraw all other active applications and commit to enrolling at Drexel.

**Early Action** ............................................. November 1
Early Action means that students can apply by an earlier deadline to receive an admission decision sooner than students who apply Regular Decision. Early Action admission is not binding.

**Regular Decision** ..................................... January 15
Through the Regular Decision application process, students will receive a decision in early spring.

**SUBMITTING YOUR APPLICATION**
Freshman applications are accepted through the Common Application only.
[commonapp.org](http://commonapp.org)

**STANDARDIZED TEST SCORES**
Drexel requires standardized test scores from all freshman applicants, but we offer some flexibility in which test(s) will fulfill that requirement. For non-native English speakers, there may be additional testing requirements.
[drexel.edu/undergrad/apply](http://drexel.edu/undergrad/apply)

**FINANCIAL AID**
Financial aid is available to domestic and international students. There are a few applications you should learn about to maximize the financial aid you are eligible for, such as the Free Application for Federal Student Aid (FAFSA) and CSS Profile.
[drexel.edu/undergrad/financing](http://drexel.edu/undergrad/financing)