



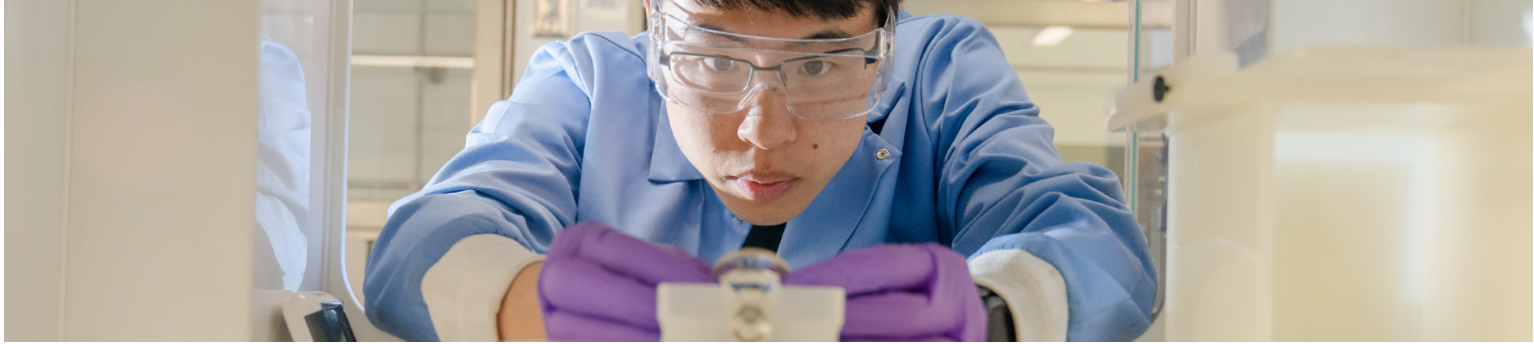
GRADUATE PROGRAMS

The College of Engineering has been Drexel University's flagship school for over 100 years. Continuing the strong tradition of engineering education, our programs teach our students to seek sustainable and achievable outcomes to industry and societal challenges while making them relevant to individual goals.

As a global institution, designated R1 by the Carnegie Foundation for high levels of research activity, Drexel Engineering prepares you to make an impact and follow the trajectory of advancement in your profession.

Our dynamic graduate programs are highly relevant, combining advanced core fundamentals with flexible plans of study to help target your interests, with opportunities to study emerging subjects. Master's and certificate programs develop important skills for becoming an expert in your field. Our doctoral programs have you learning alongside world-renowned faculty, exploring future possibilities through groundbreaking and translational research.

When you become a Drexel Engineer, you join a community of ambitious learners and a network of successful alumni around the world that aim to engineer change.



GRADUATE PROGRAMS AT DREXEL ENGINEERING

ARCHITECTURAL ENGINEERING MS, PHD

On-campus / Full or Part-time

Take on the advanced needs and requirements of complex systems in today's smart and environmental building design.

CHEMICAL ENGINEERING MS, PHD

On-campus / Full or Part-time

Solve for complex issues encountered in manufacturing, energy and the environment, biotechnology, polymer science and others.

CIVIL ENGINEERING MS, PHD

On-campus / Full or Part-time

Address challenges relating to infrastructure, sustainability, transit and urban planning as well as related issues around climate change, water management and air quality.

COMPUTER ENGINEERING MS

On-campus or Online / Full or Part-time

Become well versed in the intersection of hardware and software design in order to offer modern solutions in the field of computing.

CONSTRUCTION MANAGEMENT MS

Online / Full or Part-time

Develop a multidisciplinary skillset required of effective senior construction managers and supervisors.

CYBERSECURITY MS

On-campus or Online / Full or Part-time

Receive deep technical training for confront emerging threats in information technology, security and related areas of concern.

ELECTRICAL ENGINEERING MS, PHD

On-campus or Online / Full or Part-time

Advance design, construction and use of electronics and magnetism with the potential to make an impact on quality of life in society.

ENGINEERING MANAGEMENT MS

On-campus or Online / Full or Part-time

Develop into a leader capable of taking on growing roles in project management, design thinking and business oversight.

ENVIRONMENTAL ENGINEERING MS, PHD

On-campus / Full or Part-time

Work to create systems and policies that control, reduce or eliminate harmful impact on animals, plants, humans and the surroundings.

INTERNET OF THINGS MS

On-campus / Full or Part-time

Help to create a future where a network of IoT devices and people are interconnected and sharing data to increase efficiency, monitor health and improve decision-making.

MACHINE LEARNING ENGINEERING MS

On-campus / Full or Part-time

Be a part of the transformation of science and technology enabled by harnessing data and automation.

MATERIALS SCIENCE AND ENGINEERING MS, PHD

On-campus / Full or Part-time

Explore the frontiers in the behavior of ceramics, electronic materials, metals and polymers from a world-renowned, top-ranked department in the field.

MECHANICAL ENGINEERING MS, PHD

On-campus / Full or Part-time

Gain expertise in design and construction of the human-machine interface for industries like healthcare, manufacturing, and communications.

NANOMATERIALS MS

On-campus / Full or Part-time

Investigate materials with structures at the nanoscale in order to tackle global issues in health, energy and many others.

PEACE ENGINEERING MS

On-campus / Full or Part-time

Professionals in STEM fields can apply their skills to mitigate conflict, maximize the likelihood of peace and advance the human condition.

ROBOTICS AND AUTONOMY MS

On-campus / Full or Part-time

Develop and design robotic systems and technologies to transform industry and manufacturing with the incorporation of advanced mechanisms and automation.

SYSTEMS ENGINEERING MS

On-campus or Online / Full or Part-time

Become a visionary leader by designing and improving large scale systems and processes in order to improve efficiency and effectiveness.

DREXEL ENGINEERING

Graduate programs at Drexel Engineering offer you the ability to customize learning or add a concentration in a specific area or discipline. Dedicated advisors support and guide students through to graduation, leading many of our alumni to successful careers as entrepreneurs, faculty, executives and top researchers — and even astronauts.

ADMISSIONS

Our vibrant college community welcomes students from all over the country and internationally. Acceptance for graduate study at Drexel requires a four-year bachelor's degree in a STEM or related field from an accredited institution in the U.S. or equivalent international institution.

GRADUATE CERTIFICATES

Earn a post-bachelor's certificate to enhance your professional credentials, or as a steppingstone to your continued studies in a master's degree program. Several programs are offered online in subjects such as engineering management, systems engineering and construction management, and several on-campus certificates are offered in emerging subjects in civil and architectural engineering.

RESEARCH EXPERIENCE

Over 100 research-active faculty offer graduate students opportunities to participate in sponsored research that seeks to make discoveries in areas of great importance. Using state-of-the-art equipment and technologies, Drexel Engineering leads in translational and emerging research, exploring new applications in renewable energy, health and medicine, sustainability and in advances in smart cities and integration.

GRADUATE CO-OP

Drexel is a leader in experiential learning. Graduate cooperative education (co-op) is an optional three or six-month work experience woven into the plan of study of several graduate programs offered by the college. Full-time, on-campus master's students are eligible for the opportunity to apply classroom theory to the workplace and then bring that context back to the classroom. These insights help to direct career vision and provides a stand out addition to your resume. The additional resources provided by Drexel's Steinbright Career Development Center assists in the job search and enhancing your professionalism.





PHILADELPHIA

The city of Philadelphia is our campus — a diverse urban environment with a variety of social, cultural and learning opportunities that will enrich your educational experience. Philadelphia is a draw for talented instructors and researchers, meaning you will engage with some of the best minds in engineering and other disciplines.

Join us in Philly, a great place to live and learn!



DREXEL UNIVERSITY
College of
Engineering

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