Washington University in St. Louis
McKelvey School of Engineering

Graduate Programs

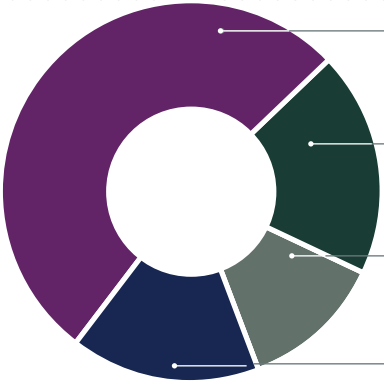
engineering.wustl.edu

Engineer your way. Engineer at WashU.

Washington University in St. Louis is a top-ranked university and world leader in research and education. At the graduate level, WashU's programs in social work, public health, medicine, law, engineering, business, art, architecture, and arts and sciences are consistently ranked and highly regarded, including more than 30 programs ranked in the top 25 by *US News & World Report.*

Here you will have the opportunity to make an impact and contribute to solving national and international challenges through our interdisciplinary programs working alongside renowned faculty and collaborating with peers. And you will be prepared to be a leader in your field whether you work in academia, industry or a national lab.

Engineering Students



1,292
Undergraduate students

466
Full-time master's students

297
Part-time master's students

394
PhD students

INTERNATIONAL

66%
Full-time master's students

63%
PhD students

WOMEN

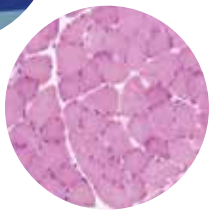
20%
Full-time master's students

28%
PhD students

"I research a very specific yet important area that has implications on global climate but is completely understudied. However, despite how focused my specific projects are, I've picked up a broad skillset that can be applied to many areas of science and engineering."

— Ben Sumlin, PhD candidate in Energy, Environmental & Chemical Engineering
Hometown: Reno, Nevada

Research with renowned faculty

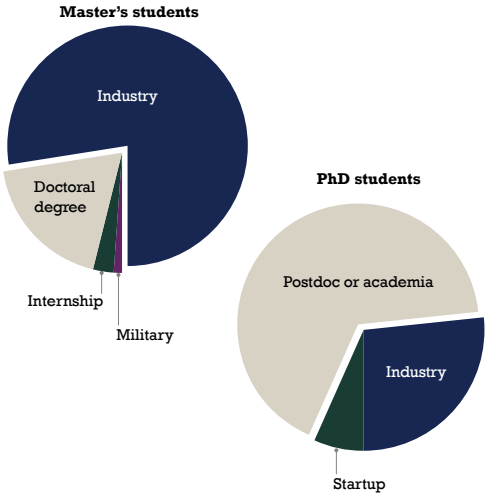


As you begin your mentored experience with faculty, you will be directly involved in conducting research and finding new solutions to the world's greatest challenges.

- **Discover drugs to treat deadly heart conditions**
- **Develop efficient algorithms to process large-scale astronomical datasets**
- **Create device to allow sensations in prosthetic hands**
- **Providing insight into brain response to stimuli and senses**
- **Finding less expensive ways to convert carbon dioxide into useful fuels and materials**
- **Researching elbow stiffness after injury**
- **Creating gasoline from *E. coli***
- **Using big data to find genetic clues in complex human diseases**
- **Developing new sensor to detect individual nanoparticles**

Where do graduates go?

Reported post-graduate plans for 2017 graduates.



World-class partnerships and facilities

Research and university partnerships allow students to reach beyond borders and disciplines to make changes impacting health, energy, environment and climate change, security, hunger, inequality and poverty; and with WashU students from around the globe and faculty who conduct research that touches every corner of the world, WashU engineers understand how you can have a global impact while researching in St. Louis.

3,000

RESEARCH PROJECTS UNDERWAY EACH YEAR AT WASHU

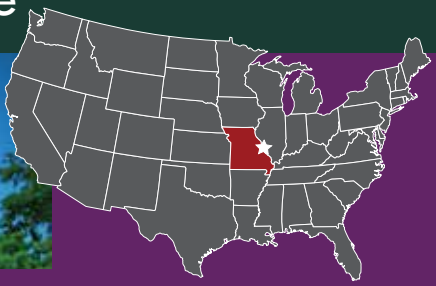
$250M

INVESTMENT IN NEW ENGINEERING SPACE SINCE 2010

“There are so many resources across the university yet also an abundance of one-on-one interaction. All of the professors know you, and they are very approachable, giving you a different perspective which is very important for interdisciplinary research.”

— Sirimuvva Tadepalli, PhD in Materials Science & Engineering
Current position: Postdoctoral Research Fellow, Stanford University

Make St. Louis your home



St. Louis is very affordable, with a cost index 10 percent lower than the national average. St. Louis was ranked

No.7 most affordable city

in the U.S. according to *Forbes*.

The entrepreneurial environment in St. Louis is vibrant, with the growing Cortex Innovation Community, home to a

200-acre innovation hub

and technology district.

St. Louis ranks as the

No. 1 city for start-ups

according to *Business Insider*.

Forest Park

Located between WashU's Danforth and Medical Campuses, this 1,293-acre gem has something for everyone year-round.

No matter your style or preferences, there is a neighborhood for everyone with its own history, culture, restaurants, brewpubs and shopping.

Apply:

engineering.wustl.edu/gradprograms

Contact:

Graduate Admissions
Campus Box 1220
One Brookings Drive
St. Louis, MO 63130-4899
314-935-5830
engineeringgradadmissions@wustl.edu

Financial Support:

All full-time PhD applications are reviewed for full financial support.

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#WashUengineers

Washington University in St. Louis
James McKelvey School of Engineering

PhD Programs

- Aerospace Engineering
- Biomedical Engineering
- Computer Engineering
- Computer Science
- Computational & Data Sciences*
- Electrical Engineering
- Energy, Environmental & Chemical Engineering
- Imaging Science*
- Materials Science & Engineering*
- Mechanical Engineering
- Systems Science & Mathematics

* interdisciplinary

Full-time Master's

- Aerospace Engineering
- Biomedical Engineering
- Biomedical Innovation
- Computer Engineering
- Computer Science
- Control Engineering
- Cybersecurity Engineering
- Data Analytics & Statistics
- Electrical Engineering
- Energy, Environmental & Chemical Engineering
- Engineering Management
- Information Systems Management
- Materials Science & Engineering
- Mechanical Engineering
- Robotics
- Systems Science & Mathematics