Washington University in St. Louis
McKelvey School of Engineering

Graduate Programs

engineering.wustl.edu
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.

**Master’s students**
- Industry
- Doctoral degree
- Internship
- Military

**PhD students**
- Postdoc or academia
- Industry
- Startup
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.

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.

St. Louis ranks as the No. 1 city for start-ups according to Business Insider.
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.

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

Washington University encourages and gives full consideration to all applicants for admission, financial aid, and employment. The University does not discriminate in access to, or treatment or employment in, its programs and activities on the basis of race, color, age, religion, sex, sexual orientation, gender identity or expression, national origin, veteran status, disability, or genetic information. Applicants with a prior criminal history will not be automatically disqualified from consideration for admission. Inquiries about compliance should be addressed to the University’s Vice Chancellor for Human Resources, Washington University, Campus Box 1184, One Brookings Drive, St. Louis, MO 63130.