



GW

SCHOOL OF ENGINEERING
AND APPLIED SCIENCE



INTRODUCTION

The School of Engineering and Applied Science (SEAS) at the George Washington University enrolls 750 undergraduate students in six academic departments that offer nine different undergraduate degrees.

Our unique ingredients for success include a fast-growing research enterprise, talented faculty, modern facilities, and our location in the heart of Washington, D.C.

Further distinguishing SEAS is its commitment to supporting female engineering students. GW enrolls twice the national average of female undergraduates and employs 50% more female faculty than the national average. Just like GW as a whole, at SEAS, **diversity is our strength.**



50%

MORE
female
faculty than
the national
average

RESEARCH

Research plays a central role in achieving our vision to become a world-class center for innovative and collaborative engineering research while learning in the heart of the nation's capital.

The SEAS faculty conduct research in our strategic priority areas: biomedical engineering, cybersecurity, high-performance computing, nanotechnologies, and transportation engineering.

Undergraduate students in SEAS have a broad range of research opportunities available, both within our own labs and with faculty in other GW schools. Students can participate in research projects of national character and work with companies like Google and Lockheed Martin, as well as the federal government.

Many courses have built-in projects, so students are engaged in engineering design from the beginning of their first year. In addition to class-based design work,

students undertake senior design projects that provide each student with relevant and practical experience before graduation.

Each year, SEAS hosts the Student Research and Development Showcase, where our students compete for prize money and learn from one another. In addition, the university-wide Research Days feature student research and presentations each spring. (Yes, we need more than one day to feature all the incredible research GW students do!)

Our students are also able to apply for a SEAS fellowship, the Summer Undergraduate Program for Engineering Research (SUPER), to further their research between academic years.

All of these research projects help students learn more about their field, plus it looks great on résumés for students seeking employment or to further their studies.

RACHEL GRAY Mechanical Engineering major

Rachel Gray has been doing research and working to build thermoelectric generators converting the wasted heat from combustion systems into reusable electricity. Her sixth grade teacher suggested that if any of her students wanted to change the world, they should figure out how to make a car engine more efficient, and Rachel has truly found her calling.

As one of four women to be named a Clare Boothe Luce Research Scholar, Rachel and her colleagues have been awarded \$300,000 through the university to further her innovative research over two years. Rachel works on this project under the mentorship of Saniya LeBlanc, a SEAS assistant professor. Doing research in Dr. LeBlanc's lab keeps Rachel engaged and excited about her coursework. **"If you can find something you are passionate about, it's really empowering and exhilarating,"** said Rachel.



ENTREPRENEURSHIP

Entrepreneurial GW students should seek out the Office of Innovation and Entrepreneurship, which runs a mentoring program, supports creators and student groups, hosts maker spaces across campus, and offers internship and fellowship opportunities.

In addition, the office also hosts the annual GW New Ventures Competition, in which students, faculty, staff, and alumni pitch their ventures and

compete for non-dilutive cash grants to continue their research efforts (meaning creators retain the rights to their ideas and get funding). Cash prizes range from \$5,000 to \$40,000 with additional non-cash awards, including co-working space and legal or marketing support. Recent winners have included a healthy snack maker, a portable makeup kit, a public affairs software platform, and a medical device creator.

STUDYING ABROAD



Our students are encouraged to study abroad, if they desire. With proper planning, an experience can easily fit within a four-year curriculum, providing students with a new perspective.

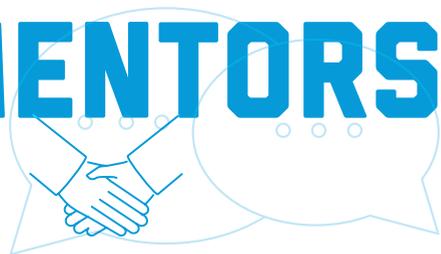
Many SEAS students choose to study abroad in their sophomore or junior year. Studying abroad can be a highlight of your undergraduate career.

JILLIAN MILES | Systems Engineering major

"As an engineering student, it's not usually normal to study abroad, and I still got that opportunity to go where I wanted to go," Jillian studied abroad in Cape Town and later did further research in Uganda. **"That's something that I don't think I could have done anywhere else. The school just kept providing me opportunity after opportunity. It felt like this amazing path was being built."**

GW offers many options for study abroad. SEAS students have recently studied in Australia, England, Ireland, and Korea.

STUDENT MENTORSHIP PROGRAMS



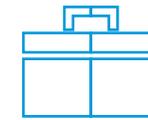
SEAS offers students a great and close-knit community, which is enhanced by our mentorship program. The School of Engineering and Applied Science Student Peer Advisory Network (SEASSPAN) is a student leadership organization comprised of approximately 30

carefully selected mentors who help incoming students transition to SEAS. SEASSPAN coordinates SEAS Summer Orientation and the New Student Getaway, two unique experiences that help first-year students get to know their new SEAS community.

DUNCAN D'HEMECOURT | Electrical and Computer Engineering major

"It's not difficult to approach a professor here. People are very inviting. The professors always know other people, so it's important to take the initiative to talk to them."

INTERNSHIPS



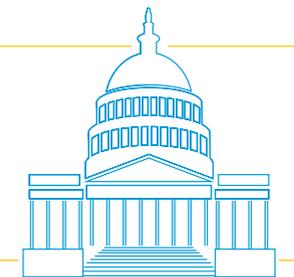
In SEAS, we are committed to helping our students prepare for internship and career opportunities. The SEAS Career Services Center provides guidance to students seeking internship opportunities that align with their education, experience, and aspirations.

Being in D.C. gives SEAS students opportunities a student cannot find anywhere else in the country. But our students aren't limited to D.C. internships. Sample internship sites from around the world are listed below.

Every SEAS student has the opportunity to participate in an internship or cooperative education in one of the nation's leading scientific and research organizations, high-tech companies, or government laboratories.

BioMarin Pharmaceutical	Genentech Inc.	Société BIC S.A.
Boston Scientific Corp.	Google	U.S. Department of Energy
Caterpillar Inc.	IBM	U.S. Department of Transportation
Cisco Systems	NASA Goddard Space Flight Center	U.S. Patent and Trademark Office
Duke Energy	National Institutes of Health	Walter Reed Army Institute of Research
Engineering World Health	National Security Agency	
Federal Aviation Administration	Nordic Technologies	
Federal Communications Commission	Office of Naval Research	
General Dynamics	Siemens Corp.	

NEARLY 90% of SEAS students intern or co-op in the D.C. region



OUTCOMES

SEAS graduates are prepared to enter the workforce or continue their studies in graduate school. In fact, within six months of graduation, **nearly 90% of our graduates from 2014 to 2017 were employed, enrolled in graduate school, or engaged in other activities, including long-term volunteer positions.**

Of students entering the workforce, 76% work in private industry, 16% are in public service, and 8% work at non-profit organizations. Graduates work

across the U.S. with a few opting for international positions; the median reported salary is \$62,500.

Major industries include defense, management consulting, aerospace, construction, technology, engineering, and energy. Select employers (in addition to internship hosts mentioned earlier) include Accenture, Apple, Boeing, Capital One, Deloitte, Facebook, FedEx, Gallup, GE, Kimberly-Clark, Lockheed Martin, Microsoft, and Texas Instruments.

ACADEMIC PROGRAMS

SEAS majors, students, and faculty are highlighted on the following pages.

The philosophy of SEAS fosters opportunities for students to combine their engineering programs with other areas of study, including those in humanities, social sciences, business, arts, languages, and pre-med through an option supported by GW's School of Medicine and Health Sciences and the GW Hospital.



APPLIED SCIENCE & TECHNOLOGY

Degree: Bachelor of Arts in Applied Science & Technology

The Applied Science and Technology Bachelor of Arts program is designed to help students pursue their goals in a world that relies more and more upon science and technology. This is a broad-based engineering-oriented degree program, with a breadth of liberal arts, for students who intend to make their careers in fields allied to science, engineering, and technology and/or continue their education toward professional

careers in law, medicine, business, teaching, or the media.

The program can be enhanced with a second major in either the Columbian College of Arts and Sciences (CCAS) or the Elliott School of International Affairs (ESIA). A second major in SEAS is also possible. A concentration in general business through the GW School of Business is available.

BIOMEDICAL ENGINEERING

Degree: Bachelor of Science

Biomedical engineering is the application of engineering practices to human health issues. Biomedical engineering combines the mechanical and mathematical expertise of engineering with the medical expertise of physicians to help improve the lives of people every minute of every day. It covers fields such as: bioinformatics, medical imaging, image processing, physiological signal processing, biomechanics, biomaterials, and bioengineering. This Bachelor of Science program is accredited by the Engineering Accreditation Commission of ABET.

resources and opportunities that the engineering school can provide BME students through its connection with GW's School of Medicine and Health Sciences and the GW Hospital, as well as the biotech industries and world-class laboratories in the Washington, D.C., metropolitan area. BME students can focus their studies depending on their interests and career goals by selecting appropriate technical electives. Potential focus areas include bioinformatics, telemedicine, instrumentation, pre-medicine, biomechanics, imaging, and other areas as directed by the student's academic advisor.

GW's biomedical engineering (BME) program takes advantage of the unique combination of

DR. ZHENYU LI | Biomedical Engineering

Dr. Zhenyu Li has been doing extensive work and research around micro- and nano-technologies to build medical devices that can be used for biological research or for disease diagnosis. With funding from a National Institutes of Health grant, Dr. Li and his colleagues are studying the effects of asthma on children, as it is the leading serious chronic illness among children in the U.S. according to the Children's National Health System.

There is no technology that can monitor all of the potential triggers of asthma, so Dr. Li's team has developed prototypes of two sensors to monitor air pollution gases in the environment—a wearable sensor that monitors formaldehyde, and a portable sensor that monitors ozone and nitrogen dioxide. The sensors have been performing well, and Dr. Li and his team hope to continue testing them outside of the lab.

CIVIL ENGINEERING

Options: Environmental Engineering, Medical Preparation, Sustainability, Transportation Engineering

Degree: Bachelor of Science

Civil and environmental engineering encompass the branches of engineering most closely related to the control and improvement of human environment and conditions of life. Civil and environmental engineering students usually

enter careers related to the construction of society's infrastructure and to the maintenance and cleanup of the natural environment. This Bachelor of Science program is accredited by the Engineering Accreditation Commission of ABET.

LOUISE LU | Civil and Environmental Engineering major

Louise Lu had an interest in art and architecture and an aptitude for math and physics and decided to study civil engineering at GW. She studied abroad in South Korea and interned with a lab at Korea University.

"GW helped me to land on that experience at Korea University (KU), and that was my first research experience. At that point, I realized that I actually enjoyed research," said Louise.

After her time in Korea, Louise received a summer fellowship from the National Science Foundation's Undergraduate Research Fellows Program, which led her to doing more advanced structural computation research at the University of Southern California. Louise also worked in labs in the Department of Civil Engineering and in Dr. Samer Hamdar's Center for Intelligent Systems Research Lab during her time at SEAS. She is now working at Dr. Hamdar's Center constructing a laboratory-scale autonomous electric vehicle.

"I really don't know what I would become without my department and its professors and students," Louise said. **"All the professors know us by name. It's like a family."**

COMPUTER ENGINEERING

Degree: Bachelor of Science

Computer engineering combines electronic design, computer architecture, programming of computing systems, computer networks, and applied mathematics. Computer engineers are involved in the design of circuits, individual microprocessors, personal computers, and supercomputers, as well as the software that powers and runs on these devices. This field of engineering not only focuses on how computer systems work but also how they integrate into the larger world.

GW's computer engineering program combines the best of both worlds: electronic system hardware design with computer software design. Students in the program are prepared

in the theory and application of hardware and software design, computer networks, embedded systems, and very large scale integrated (VLSI) circuit design and applications. Students can take electives in advanced topics, such as optical networks, broadband wireless networks, and technologies for the next generation of information systems.

Students work on projects in modern, well-equipped VLSI and computer engineering laboratories. The capstone design sequence involves students in the design and fabrication of a large-scale digital system based on their area of interest.

DR. MATTHEW LUMB | Electrical and Computer Engineering

Dr. Matthew Lumb, a research scientist in the Department of Electrical and Computer Engineering, and his team are currently creating highly efficient solar cells that capture light and convert it into electricity. The current world efficiency record for light capture is 46%, and the new prototype is already at 44.5% efficiency with advancements to come.

By using concentrator photovoltaic (CPV) technology in a stacked design, which concentrates sunlight onto tiny, micro-scale solar cells, each cell can attract different wavelengths. The new technology created by Dr. Lumb unlocks the energy stored in longer wavelengths, thus making it more expensive. The benefits, however, are far greater in the potential for work efficiency.

Dr. Lumb was awarded a \$1.4 million Advanced Research Projects Agency-Energy (ARPA-E) grant to lead researchers in developing a high-performance CPV module. **"These new hybrid photovoltaic modules have the potential to harvest more energy from the sun than ever demonstrated before and increase the commercial competitiveness of concentrator photovoltaic technologies in a broad range of applications,"** said Dr. Lumb.

COMPUTER SCIENCE

Degree: Bachelor of Science or Bachelor of Arts

Computer science deals with the theoretical foundations of information and computation, together with practical techniques for the implementation and application of these foundations. The Department of Computer Science offers both a Bachelor of Science (B.S.) program and a Bachelor of Arts program (B.A.). The Bachelor of Science program is accredited by the Computing Accreditation Commission of ABET.

The B.S. curriculum includes mathematics, science, and communication in addition to the

focus on computer science, which includes the 8-credit Senior Design Project, which closely models "industrial-strength" project development.

The B.A. program is designed for students who wish to combine a concentration in computer science with a second major or set of minors in natural science, liberal arts, or business. The program provides a foundation in computer science, along with lots of room in the curriculum to select courses in other disciplines.

DR. HYEONG-AH CHOI | Computer Science

Dr. Hyeong-Ah Choi and her research team are working to enhance and support the work of first responders around the world. Catastrophes can render useless the communication tools needed by these teams. Through the support of a grant from the Public Safety Innovation Accelerator Program, Dr. Choi and her team are modernizing public safety communications by developing technology to help determine the best placement of mobile base stations, which are deployed when cell towers and other communication methods are inaccessible.

Dr. Choi is excited about the potential breakthrough opportunities her research can bring to life. What motivates her most is the desire to teach her students. **"I like to develop good research and help my research students grow and be able to develop their own careers through their research experience working with me."**

ELECTRICAL ENGINEERING

Options: Energy, Medical Preparation

Degree: Bachelor of Science

Electrical engineering provides the technological foundation for the modern information society.

Almost every technological advance made today can be traced to the work of electrical engineers.

Electrical engineers design the micro integrated circuits (ICs) that are fueling the explosion in electronic devices and telecommunication networks.

Our department's modern curriculum is complemented by well-staffed and well-equipped laboratories. Students are required to work on real-world projects throughout their education and complete a capstone design sequence with real-world design experience.

Dr. Dehghanian was a high school student when the blackout of 2003 affected the northeastern U.S. and Ontario, Canada, and he decided to study power systems engineering as a result of seeing the havoc that people faced during that weekend.

He is now a SEAS assistant professor, studying power system resilience in the face of extreme weather conditions or cyber attacks that can compromise national security. Dr. Dehghanian is looking at how the U.S. can make the most of environmentally friendly, renewable energy, and seeing how tools to provide a faster recovery from a destructive event can coincide with one another. Using data analytics, his research allows him to try and develop real-time decision making support tools to aid system operators who must quickly respond to these threats.

"Everyone's lives are highly dependent on electricity," says Dr. Payman Dehghanian in reference to blackouts in the U.S. and across the world. "Although these events are rare, they have a high impact when they happen. So my research is groundbreaking. It aids a proactive preparedness for such events and helps keep the lights on at all times."

MECHANICAL ENGINEERING

Options: Aerospace Engineering, Biomedical Engineering, Medical Preparation, Patent Law, Robotics

Degree: Bachelor of Science

Mechanical engineering plays a critical role in enhancing safety, economic vitality, and overall quality of life throughout the world. It is the broadest engineering discipline, ranging from nanotechnology to large scale manufacturing. Mechanical engineers are concerned with the principles of force, energy, and motion, and

they work on the design and manufacture of mechanical systems and thermal devices and processes. A few examples of products and processes developed by mechanical engineers include engines and control systems for automobiles, aircraft, robots, and lifesaving medical devices.

DR. MICHAEL KEIDAR | Mechanical Engineering

Professor Michael Keidar is breaking barriers through extensive research in his Micropropulsion and Nanotechnology Lab; conducting advanced fundamental and applied research in plasma medicine, micropropulsion for micro and nanosatellites, and plasma nanoscience and nanotechnology. Dr. Keidar and his colleagues Dayun Yan and Jonathan Sherman published a book titled *Cold Plasma Cancer Therapy (CPCT)* in March 2019 to document their work on cold plasma application for wound healing.

The current CPCT research is joined by several other research projects—this includes a cold plasma application for wound healing; cold plasma cancer therapy; the synthesis of single-wall carbon nanotubes with controlled conductivity; the synthesis of graphene with controlled numbers of layers; and the manufacturing of ultracapacitor devices based on nanotubes and graphene, micro-cathode thrusters for nano-satellites, and multi-scale plasma simulations. Dr. Keidar demonstrated this research at the Emerge America Conference, where GW is a global partner, in April 2019.

SYSTEMS ENGINEERING

Options: Energy and Sustainability, Medical Preparation

Degree: Bachelor of Science

Systems engineering is an interdisciplinary field of engineering focusing on how complex engineering projects should be designed and managed over their life cycles. Systems engineering deals with work-processes, optimization methods and tools to manage risks in such projects, and it overlaps with both technical and human-centered disciplines such as control engineering, industrial engineering, organizational studies, and project management.

Simultaneously, the program is intended to develop the student's communication skills and awareness of the current professional world. A medical preparation option is available to help students interested in medical school. Five-year, two-degree plans that combine a B.S. degree in systems engineering with an M.S. degree in either systems engineering or engineering management are also available.

JILLIAN MILES | Systems Engineering major

As a first-year student, systems engineering major Jillian Miles was selected as a Clark Engineering Scholar, a prestigious honor for SEAS undergraduates. As a requirement for the scholars program, Jillian was required to participate in study abroad and chose to expand her list of visited continents by attending the University of Cape Town in South Africa, completing two short-term homestays.

After an impressionable and enlightening experience in South Africa, Dr. Murray Snyder, the director of the Clark Scholars program, introduced Jillian to a faculty member from the Engineering Management and Systems Engineering department, which led to another opportunity to study in Kampala, Uganda, under the direction of Dr. Erica Gralla. Dr. Gralla's research monitors changes in Ugandan agricultural market systems for the U.S. Agency for International Development. Even with such a busy and challenging schedule, Jillian participates in the SEAS Student Peer Advisory Network and Balance, a GW ballet group.

"When I was a GW tour guide, the thing I would say at the end [of each tour] was, 'I've told you a lot about my experiences, but if you go up and ask any other student how SEAS has been an enabling environment to them, they will each have their own unique story on how SEAS has been integral to their lives. It's amazing that almost every kid who walks through here has a similar list of how much they've been given by the school,'" said Jillian.

SCHOLARSHIPS



GW rewards exceptionally qualified students with academic scholarships. Applicants are automatically considered for merit scholarships as part of the admissions process and no application is required, with the exception of the GW Leadership Award and the FIRST Robotics Scholarship.

Presidential Academic Scholarship

All first-year applicants are considered automatically for these tuition scholarships. Presidential Academic Scholarships are awarded to the most competitive applicants in the pool.

IB Scholarship

First-year applicants who are on track to graduate secondary school with an IB Diploma are automatically considered for the IB Scholarship.

Clark Engineering Scholarship

Outstanding engineering students may apply for the Clark Engineering Scholars program, which

seeks students with strong leadership skills and a keen interest in the engineering profession. Each student selected will be awarded an annual scholarship, renewable each year based on academic performance, financial need, and participation in the program.

To be eligible, a student must be:

- a U.S. citizen entering their first year of college
- studying full time in pursuit of a B.S. from SEAS

Scholars are selected based on academic performance, engagement in engineering, financial need, and leadership skills.

Established in January 2011 with a generous gift from the late Mr. A. James Clark, Eng.D. '10, the Clark Engineering Scholars program includes a leadership boot camp, seminars, community service, internship opportunities, and study abroad.

GW Leadership Award

To receive the GW Leadership Award, students must be nominated for the GW Book Award by their high school counselor during their junior year. Eligible Book Award recipients will automatically be considered for the Leadership Award.

FIRST Robotics Scholarship

Students who have participated on a FIRST (For Inspiration and Recognition of Science and Technology) Team may apply for the FIRST Robotics Scholarship. More details and the application are available on our website.

For all scholarships and details, visit <https://go.gwu.edu/scholarships>.

FACILITIES

GW's Science and Engineering Hall, which opened in January 2015, gives faculty and students amazing opportunities to study, research, collaborate, innovate, and explore.

The 500,000-square-foot, 14-story building includes a three-story high bay, a nanotechnology fabrication facility, and a powerful imaging facility.

Within the Science and Engineering Hall, undergraduate students have access to over 30 well-equipped laboratories for coursework, experiments, and research. There are also plenty of spaces to study alone or with a group of classmates.



VISIT CAMPUS

Come explore our campus, including the Science and Engineering Hall. Take a look at our top-notch research facilities and find out how undergraduate students at GW get to take part in ground-breaking research and study in innovative classrooms.

Go to go.gwu.edu/gwvisit to register for an information session and campus tour or search "SEAS" for custom tours for students interested in science and engineering.

THE STUDENT EXPERIENCE



Small classes allow faculty to provide individual attention and afford students the opportunity to learn in small groups, receive hands-on experience, spend more time in labs, and participate in faculty research projects. Students from across the U.S. and more than 30 countries study together in SEAS.

SEAS students:

- Are multi-dimensional; they are involved in men's and women's varsity athletics, residence hall councils, performing arts organizations, and student government.
- Contribute to international engineering journals and conferences.
- Are welcomed by GW's University Honors Program and GW's Naval ROTC unit.

SEAS students enjoy the wide variety of programming and support available to every GW student, including leadership development, academic support, diversity training, and cultural programming.

STUDENT ORGANIZATIONS AND ACTIVITIES



SEAS students are active across the university as well as in professional engineering societies. **You will be given countless opportunities to meet fellow students, network with working professionals, and round out your college experience.**

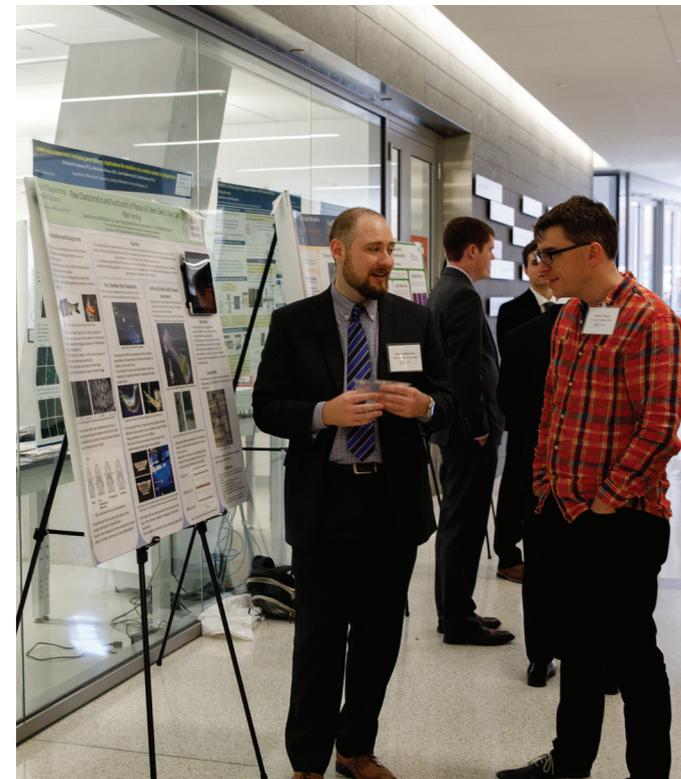
GW has many engineering-based student organizations and local chapters of national organizations, including the American Society of Civil Engineers, American Society

of Mechanical Engineers, Biomedical Engineering Society, Engineers Without Borders, GW Robotics, National Society of Black Engineers, Society of Women Engineers, Tau Beta Pi, Theta Tau, and Women in Computer Science.

The Engineering Council supports a wide variety of professional, honorary, and social societies within SEAS and organizes events, including competitions for National Engineers Week, the Engineers'

Ball, and the engineering career fair.

In addition, SEAS students are involved in programs and organizations across campus, from leadership and residential engagement programs to cultural, identity-based, and recreational student organizations. With access to more than 450 clubs and organizations, spaces are constantly being created for you to find your home away from home here at GW.



LIFE IN D.C.

GW is located in the heart of the nation's capital, with two undergraduate campuses and countless points of interest nearby. With the White House, the State Department, and the John F. Kennedy Center for the Performing Arts as our neighbors, and the National Mall as our backyard, the District of Columbia plays an important role in helping GW students achieve a vibrant and rewarding college experience.

The D.C. metropolitan area is one of the largest high-tech areas in the country, giving students a combination of research, work, and cultural opportunities. From Amazon, General Dynamics, and Leidos to Dragos, Appian, and Framebridge, the area's data science ecosystem is full of opportunity for GW students.

GW students can access the individuals who shape technological change, from world-class scientists to cutting-edge policymakers and the organizations they support. On any given day of the week, students can attend at least a dozen engineering-related lectures and seminars somewhere in the capital area.

Five of the top federal government research laboratories are in the immediate Washington, D.C., area - National Institute of Standards and Technology (NIST), Army Research Laboratory (ARL), U.S. Naval Research Laboratory (NRL), Food and Drug Administration (FDA), and the National Institutes of Health (NIH).

With hands-on learning experiences working alongside both faculty and industry experts, our students learn from the top policy leaders in the country through service opportunities, competitive internships, and innovative research while creating lasting "Only at GW" moments. Opportunities at GW and in Washington, D.C., allow for a diversity of specializations in the fields of engineering and computer science, which in turn allow students to test and choose the best field for them as they define career goals.



ADMISSIONS PROCESS

How to Apply

Apply to GW via the Common Application (commonapp.org). For high school applicants, we require:

- ▶ Common Application
- ▶ High School Transcript
- ▶ School Report
- ▶ Mid-Year Grade Report
- ▶ College Transcript (if applicable)
- ▶ A counselor and teacher letter of recommendation
- ▶ Portfolio (for Corcoran BFA applicants, except Interior Architecture and Design majors)

▶ Our website has requirements for international applicants (go.gwu.edu/intapp) and transfer applicants (go.gwu.edu/trapp).

Application Deadlines



For High School Students

Early Decision I

Nov. 1

Early Decision II

Jan. 5

Regular Decision

Jan. 5



For Transfer Applicants

Fall Enrollment

April 15

Spring Enrollment

Oct. 1



For Seven-Year B.A./M.D. Applicants

Nov. 15

Learn more at go.gwu.edu/bamd.



Deadlines are subject to change. View current dates and notification timelines at go.gwu.edu/AppDeadlines.

Test Optional

GW is a test-optional university, meaning that most applicants are not required to submit standardized test scores. For all applicants, the most important factor is previous academic performance (in high school and/or college coursework) rather than test scores.

The following are required to submit test scores: Seven-Year B.A./M.D. applicants, homeschooled applicants, applicants from high schools with narrative evaluations, and recruited NCAA Division I athletes.

➔ go.gwu.edu/testoptional

Merit Scholarships and Need-Based Aid

GW awards more than \$185 million in undergraduate financial aid every year. All applicants are automatically considered for merit scholarships; certain special programs require a separate application.

➔ go.gwu.edu/finaid

The George Washington University does not unlawfully discriminate against any person on any basis prohibited by federal law, the District of Columbia Human Rights Act, or other applicable law, including without limitation, race, color, religion, sex, national origin, age, disability, veteran status, sexual orientation, or gender identity or expression. This policy covers all programs, services, policies, and procedures of the university, including admission to education programs and employment.

Office of Undergraduate Admissions | gwadm@gwu.edu | 202-994-6040

**THE GEORGE
WASHINGTON
UNIVERSITY**

WASHINGTON, DC