

Ph.D. PROGRAM

Consistently ranked among the top computer science graduate programs in the nation, the University of Washington's Paul G. Allen School of Computer Science & Engineering offers our 250 full-time graduate students a collegial and supportive learning environment; research opportunities of the highest quality; and the chance to collaborate with entrepreneurial faculty who are recognized leaders in their fields. We are proud of our record of accomplishment in mentoring student researchers who go on to positions at the very best academic departments and industry laboratories. Working together, our students and faculty drive our field forward while generating innovations with real-world impact. Our students benefit from many partnerships and collaborations that we have developed across the campus and in the region. In addition to being the headquarters of leading companies such as Microsoft and Amazon, the greater Seattle region is also home to an extensive — and ever-growing — list of engineering centers established by major industry players from outside the Pacific Northwest.

FAST FACTS



5-year program of study leading to Ph.D. degree



Generous financial packages, including tuition, stipend, and health insurance



Robust interdisciplinary collaborations across campus and with industry partners



World-class faculty who emphasize student mentorship and success



\$43 million in research grants and contracts in FY2018



Top academic institution for Best Paper Awards in computer science

APPLICATION TIMELINE

- > **DECEMBER 15:** Application deadline
- > **MID-FEBRUARY:** Admission decision notifications
- > **MID-MARCH:** Admitted student visit days
- > **APRIL 15:** Deadline to accept or decline offers
- > **SEPTEMBER:** Study begins!

MOMENTUM

The Allen School has emerged as one of the leading centers of computer science education and research, known for its combination of technical excellence, commitment to mentorship, and collegial and supportive environment. We continue to grow in both size and stature.

In early 2019 we opened our second building, the Bill & Melinda Gates Center for Computer Science & Engineering. The Gates Center doubles our space, housing state-of-the-art research labs, including a 3,000 square-foot robotics lab; new classroom, office, and collaboration spaces; a research commons; and a sophisticated maker space. Together, the Gates Center and the Paul G. Allen Center for Computer Science & Engineering enable us to provide an unparalleled education and research experience to students, and to engage in even more robust collaborations across the campus, the region, and the globe.

"We are entering a golden age of innovation in computer science, and UW students and faculty will be at its leading edge. My hope is that the school will have the same influence on them as it did on me — that they will continue to dream big, breaking through technological barriers and using their skills to solve some of the biggest problems our world faces."

– Paul G. Allen

RESEARCH & INNOVATION

The Allen School is committed to expanding our global leadership and impact in computer science and computer engineering research and education. We offer a supportive environment in which our faculty and students are empowered to pursue the next great advances — whether at the core of the field, or in emerging areas that address humankind's greatest challenges.

Areas of expertise:

- Artificial Intelligence
- Augmented & Virtual Reality
- Computational & Synthetic Biology
- Computer Architecture
- Computer Graphics & Animation
- Computer Vision
- Computing for Development
- Cryptography
- Data Science
- Data Management & Visualization
- Game Science
- Human-Computer Interaction
- Machine Learning
- Molecular Information Systems
- Natural Language Processing
- Programming Languages & Software Engineering
- Robotics & Human-Robot Interaction
- Security & Privacy
- Systems & Networking
- Theory of Computation
- Ubiquitous Computing
- Wireless & Sensor Systems

Ph.D. REQUIREMENTS

The Allen School's Ph.D. process consists of three main components: coursework, research, and thesis preparation and defense. We wish to ensure that your experience is positive, highly productive, and even enjoyable and that you are fully prepared to be successful in whatever career you seek following completion of your Ph.D.



10 quarter-long courses

2 quarters of teaching assistantship



Qualifying evaluation & Master's degree



General exam & Ph.D. candidacy

Thesis defense & Ph.D.

DIVERSITY & INCLUSION

The Allen School celebrates and values diversity as fundamental to our mission as a public educational institution. We are proud to be one of 11 leading computer science programs in the **LEAP Alliance: Diversifying**

LEAdership in the Professoriate. The LEAP Alliance is supported by an NSF INCLUDES grant that provides funding to launch and demonstrate the effectiveness of strategies focused on recruiting and retaining diverse doctoral students at participating institutions, with the goal of increasing the number of underrepresented minorities and persons with disabilities pursuing faculty positions in computer science. The LEAP Alliance believes that demographic diversity among faculty contributes to academia in a number of critical ways, including providing role models for a diverse student body and bringing new perspectives to research projects and program policies.



OUR COMMUNITY

About 350+ enrolled Ph.D. students

50–60 cohort size

47% international students (from 28 countries)

25% women

CONTACT US

Visit us online: www.cs.washington.edu

Email us: grad-admissions@cs.washington.edu

Apply: www.cs.washington.edu/academics/phd/admissions