

**COLLEGE OF ENGINEERING**  
UNIVERSITY *of* WASHINGTON





# Self-Guided Walking Tour



## **1. Loew Hall**

Loew Hall is home to a multitude of offices which serve both our pre- and current engineering students. On the third floor, the College of Engineering's pre-engineering advising office and CoE Dean's office are housed. The Minority Scholars in Engineering Program (MESP) and Women in Science and Engineering (WISE) also call Loew home. These programs serve students that are traditionally underrepresented in engineering programs by providing community, mentorship, and academic support. The Career Center @ Engineering, and the Engineering Academic Center also provide students with assistance by offering career centered advice and academic support.



## **2. Mechanical Engineering Building**

MEB is home to our Industrial & Systems and Mechanical Engineering departments. Here you can observe the Formula SAE car which is displayed on the wall of the lobby. Working as a team, pre-engineering students and students from Mechanical, Electrical, Material Science, and Aeronautics and Astronautics, design and build a formula-type racing car that is taken to Pontiac Michigan to compete with similar racecars from all over the world. The car weighs 400 to 500 pounds, with horsepower figures ranging from 60-80 hp. Teams begin work from Summer to Spring quarter when the competition is held.



## **3. More Hall**

More Hall was built for the Civil Engineering Department in 1946. Hastened by WWII's engineering needs, the design for the Civil Engineering Department was developed by Bebb & Jones. It expressed the modern architectural philosophy of function over form and incorporated lighting from large windows to convey the feeling of spaciousness. During 1993-96 a remodel of the infrastructure of More Hall occurred. Structural and geotechnical research laboratories were remodeled to accommodate new equipment and to improve the use of the existing space. It currently houses our Civil and Environmental Engineering departments.



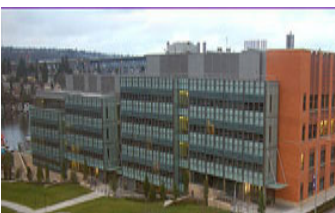
## **4. Roberts Hall**

Roberts Hall used to be called Mines Hall (yes, the kind you dig in), and Materials Science used to be called Metallurgical and Ceramics Engineering (what a mouthful!). As the discipline has grown, the name has changed to reflect the broader scope of the research. Ralph Anderson and Koch Duarte designed this "daylight basement" facility around a sunken plaza. This allowed nearby Roberts Hall, which once housed the College of Mines, to retain its prominence along Stevens Way.



## **5. Anderson Hall**

Anderson Hall is a spectacular gothic style building and was constructed in 1925 as the College of Forest. Established as one of the first natural resource programs in the country, it has been "creating futures since 1907." On July 1, 2009, the College of Forest Resources became the School of Forest Resources within the University of Washington's new College of the Environment, and on January 1, 2012, the school became the School of Environmental and Forest Sciences (SEFS). Anderson houses the Bioresource Science and Engineering Advising offices in rooms 116/130, interested applicants are encouraged to drop by and visit with the advising office staff.



## **6. Foege**

One of the newest buildings on campus, it was named after Dr. William Foege (f ai g ee) who received his MD from the University of Washington in the late 50s. Foege devised the strategy to eradicate smallpox which was successful in 1975. In the Foege lobby you can see the first Transcutaneous Doppler Flow device, which led to the development of ultrasound imaging as a diagnostic tool with medical applications. Foege is home to the Bioengineering department, as well as the Vista Café which overlooks Portage Bay and Downtown Seattle.



## **7. Benson Hall**

Inaugurated in 1966 and home to Chemical Engineering, Benson Hall is named after UW's "Father of Chemical Engineering", Henry K. Benson, who first came to the University in 1904, and served as the department's chair from 1919 to 1947. The building's construction was funded in part by the National Science Foundation, and featured advanced precautionary measures for its time. Originally shared with Nuclear Engineering, (a major no longer offered to undergraduates) the building's forward-thinking design incorporated a 35 ton sliding door to prevent the escape of radioactive material in the pulsed neutron lab, and employed reverse pressure rooms to stop particles when the door was opened.



## **8. Electrical Engineering Building**

The Electrical Engineering Building and the Paul G. Allen Computer Science and Engineering building are conjoined by an outside rotunda. The EEB and CSE main offices share an atrium housed in the CSE side of the building. EEB houses EE labs, classrooms, faculty offices and student atriums. CSE houses the Reboot Cafe, faculty offices and labs. Graduates with a bachelor's degree in electrical engineering find employment in the aerospace, communications, computer, power distribution, consumer electronics, biomedical engineering and military industries. Fun fact: EEB has a different number of floors on the North and South sides of the building.



## **8 (cont.) Paul G. Allen Center**

One of the newest buildings on campus, groundbreaking for the 85,000 square foot building, which was designed by LMN Architects, took place in autumn 2001 and the building opened in autumn 2003. Our CSE students go on to design and build sophisticated hardware, software, and embedded systems that can make significant impacts on our world! Within the building,, a notable features is the atrium which is housed in the center of the building. With an abundance of open space and natural light it makes the perfect place for studying or meeting up with friends to enjoy a cup of coffee from the Reboot Cafe.



## **9. Guggenheim**

Guggenheim is home to the William E. Boeing department of Aeronautics and Astronautics. Its name hails from the American aviation pioneer who founded Boeing. For anyone looking to get involved outside of academics, each year students compete in a Design, Build, Fly competition. Student teams will design, fabricate, and demonstrate the flight capabilities of an unmanned, electric powered, radio controlled aircraft that can best meet the specified mission profile. Most teams are able to test this in the Kirsten Wind Tunnel (right behind Guggenheim); the same wind tunnel used by customers from Boeing, to Lamborghini to Lance Armstrong.



## **10. Sieg Hall**

Sieg Hall was one of the earliest building on campus that housed the campus's engineering students. The building opened in 1960 and was known as General Engineering Hall—until 1972. Because of the building's location, the architects Harmon, Pray and Dietrich were faced with the task of creating a facility that harmonized with the upper campus Gothic Revival style. To do so they designed an expressed structural frame with exposed aggregate panels. Sieg is currently home to the Human Centered Design & Engineering department, as well as their advising offices. At the University of Washington, HCDE students learn to serve as user advocates and employ user-centered design processes and usability research methods to ensure that communication designs meet user needs.

## **A. Housing Options for Engineering Students**

### **Engineering Living Learning Community in Maple Hall**

Do you have the drive to discover? Do you want to lead innovation in response to local and global challenges? Are you a dreamer, builder, maker, creator or inventor? The Engineering Community may be the community for you! The Engineering Living Learning Community is a residential community of students wanting to explore academic and career trajectories in the field of engineering. Residents living in this community will have access to Area 01, a learning destination where students can connect, imagine, discover, innovate and responsibly create.

### **Coming Fall 2018: The new McCarty Hall**

Currently in construction, this building is set to be home to 10,000 feet of maker's space. McCarty Hall was named after Clara Antioinette McCarty; the first graduate of the University of Washington. She went on to become the superintendent of Pierce County School District. This hall will provide more housing geared toward upper-division engineering students.





## COLLEGE OF ENGINEERING

# DIRECT TO COLLEGE ADMISSION

Beginning with the freshman class of 2018, the College of Engineering will offer Direct to College admission. This new admission pathway will enrich the student experience, reduce students' uncertainty about whether or not they can pursue engineering at the UW and assist students in thoughtfully considering all of the UW's engineering options.

### WHAT IS DIRECT TO COLLEGE ADMISSION?

With Direct to College admission, students are admitted directly to the College of Engineering as freshmen. Qualified applicants will be admitted as "engineering undeclared," allowing them an opportunity to explore all the engineering major options before placement.

### HOW ARE STUDENTS CONSIDERED FOR DIRECT TO COLLEGE ADMISSION?

Beginning with autumn 2018, freshmen applicants who list any engineering major or engineering undeclared as their first-choice major on the UW admission application will automatically be considered for Direct to College admission. (Note: Computer Science and Bioresource Science & Engineering do not participate in Direct to College admission.)

### HOW ARE DIRECT TO COLLEGE ADMISSION DECISIONS MADE?

The Office of Admissions uses a holistic review process, focusing on academic preparation and personal qualities and characteristics. For Direct to College admission consideration, the greatest emphasis will be placed on the student's academic preparation. Direct to College decisions are sent along with the UW admission decision. If a student is not admitted Direct to College, they may still receive an offer of admission to the UW but would be admitted as a Pre-Major.

### WHAT IS DIRECT TO COLLEGE ADMISSION?

Direct to College guarantees the ability to place into an engineering major as long as minimum progress requirements are met for the program. The placement process will be facilitated to best match students with their interests. While some majors will have more requests for placements than they can accommodate, the College of Engineering anticipates being able to accommodate the first choice of most students. An immersive first-year experience will allow engineering students many resources and opportunities to explore their interests and identify avenues for meeting their goals.

### ENGINEERING MAJORS AT THE UW

- Aeronautics & Astronautics
- Bioengineering
- Chemical Engineering
- Civil Engineering
- Computer Engineering
- Electrical Engineering
- Environmental Engineering
- Human Centered Design & Engineering
- Industrial Engineering
- Materials Science & Engineering
- Mechanical Engineering

For Direct to College admission questions:  
Office of Admissions, [askuwadm@uw.edu](mailto:askuwadm@uw.edu)