School of Engineering and Applied Sciences (SEAS)

Prepares professionals and leaders who are committed to making their community, country, and world better places. Values:

- Technological and scientific competence
- Balance between theory and practice
- Consideration of the societal and holistic aspects of engineering

VISION: To be recognized nationally and internationally for its engineering and computer science education that produces transformative urban leaders

MISSION: By providing nationally competitive and accredited professional programs, we will develop creative leaders through an environment conducive to learning and research where experiential learning culture is practiced and promoted.

UNDERGRADUATE PROGRAMS
- Biomedical Engineering (BS)
- Civil Engineering (BS)
- Computer Engineering (BS)
- Computer Science (BS)
- Cybersecurity (BS)
- Electrical Engineering (BS)
- Information Technology (BS)
- Mechanical Engineering (BS)

GRADUATE PROGRAMS
- Civil Engineering (MS)
- Computer Science (MS)
- Electrical Engineering (MS)
- Mechanical Engineering (MS)

DOCTOR OF PHILOSOPHY
- Computer Science and Engineerin (Ph.D.)

STUDENTS
- Undergraduate 297
- Graduate 54
- TOTAL 351

FACULTY
- Full-time Faculty 30
- Part-time Faculty 15

STUDENT/FACULTY RATIO 8 to 1

WHY SEAS AT UDC?
- ABET Accredited Programs
- Affordable and accessible — lower tuition fees compared to other schools
- Student-focused campus mission
- Diverse student body — compared to other engineering fields, there is a higher percentage of female students than male students (2021 program projection is 80% female.)
- High faculty to student ratio
- Small classes — average is less than 15 students
- Convenient to DC area residents
- Part of a consortium of 17 schools
- Hands-on education and research experiences, as well as professional development — ability to be involved in paper publications, research opportunities and attend national and international conferences
- Student scholarships and internships available.

ASPIRE. ACCOMPLISH. TAKE ON THE WORLD.
INTERNSHIPS
Boston Scientific
Eli Lilly and Company
Johns Hopkins Applied Physics Lab
Microsoft
NASA
Naval Research (NREIP)
National Institute of Standard and Technology (NIST)
Oak Ridge National Lab
San Francisco International Airport
US Naval Research Lab

AFFILIATED STUDENT CLUBS AND ORGANIZATIONS
American Society of Civil Engineers (ASCE)
American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE)
American Society of Mechanical Engineers (ASME)
Association of Computing Machinery (ACM)
Biomedical Engineering Society (BMES)
Institute of Electrical and Electronics Engineers (IEEE)
National Society of Black Engineers (NSBE)
Robotics Club
Society of Women Engineers (SWE)

INDUSTRY PARTNERSHIPS
Air Force Research Laboratory
Dept of Energy National Nuclear Security Admin (DOE-NNSA)
Department of Defense
D.C. Water Resources Research Institute (WRRI)
Food and Drug Administration (FDA)
Lockheed Martin
MedStar National Rehabilitation Network
National Institutes of Health (NIH)
National Institute of Standard and Technology (NIST)
National Science Foundation (NSF)
Northrop Grumman
Verizon
Washington Metropolitan Area Transit Authority (WMATA)

RESEARCH CENTERS
Center for Biomechanical & Rehabilitation Engineering (CBRE)
NSF-CREST: Center for Nanotechnology Research and Education (CNRE)
NIST-Professional Research Experience Program (PREP)
Additive Manufacturing Post Processing Partnership (AMP3) DOE consortium

FOR MORE INFORMATION
Ann Lankford    Director of Student Engagement
202.274.5699    ann.lankford@udc.edu
Building 42, 212-O    www.udc.edu/seas

Office of Admissions
www.udc.edu/admissions
202.274.6155, UDCadmissions@udc.edu

UNDERGRADUATE ENTRANCE REQUIREMENTS
A candidate for admission must have earned a high school diploma, GED, or equivalent. Refer to the Admissions Office for detailed entrance requirements for freshmen and transfer students.

INTERNATIONAL STUDENTS
International students must meet the English proficiency requirements. **TOEFL Paper 550, iBT 79, IELTS 6.0**

LOCATION
Van Ness Campus Building 42
4200 Connecticut Avenue NW, Washington, D.C. 20008

https://www.udc.edu/about/campus-map/

Use Metro Rail Red Line to Van-Ness UDC station