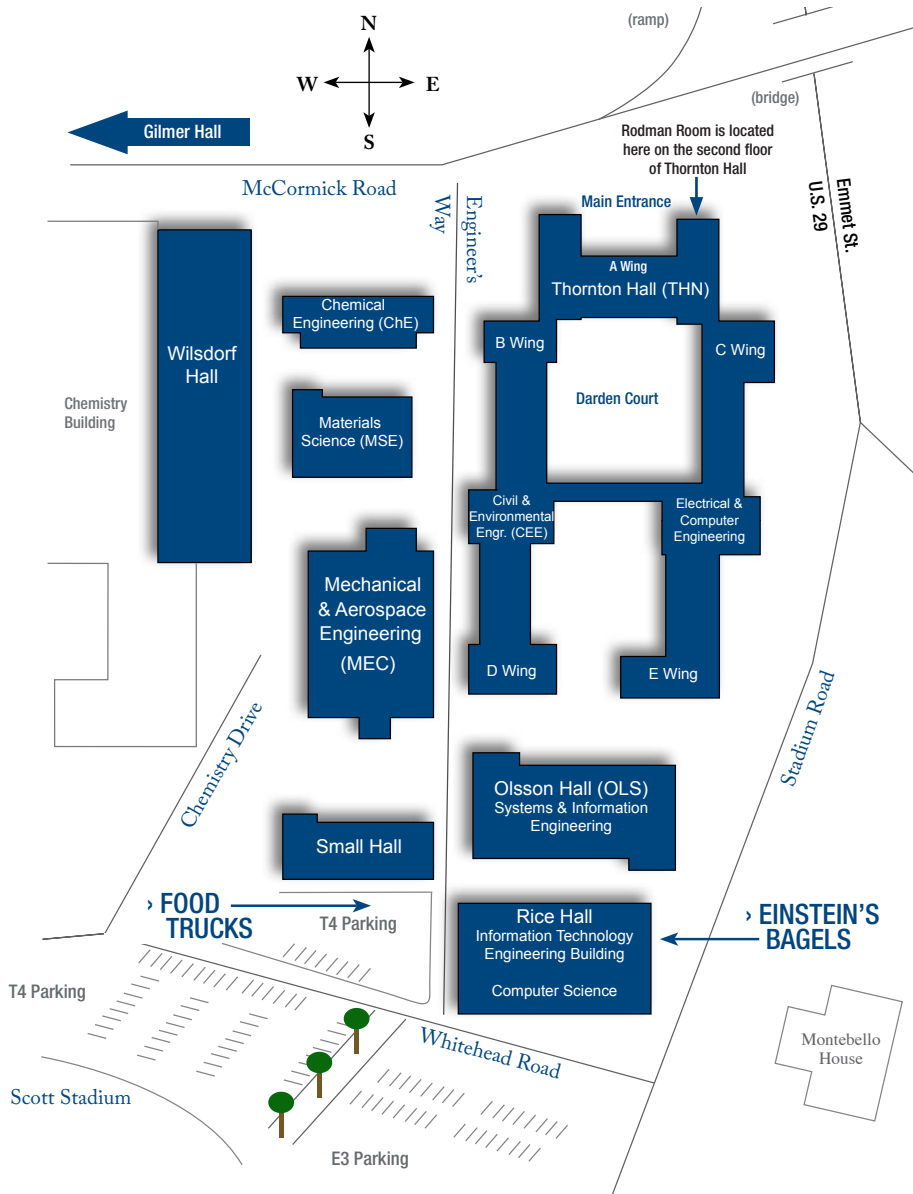


Join #UVAaboutengineering to get updates on the Open House schedule throughout the day and also to share your photos and observations about UVA Engineering.



TOURS:

Student-led tours of the Engineering School will be offered from 10 a.m. to noon every 15 minutes and from noon to 2 p.m. every 30 minutes. Please arrive for the tours 5 minutes early on the steps of the front entrance to Thornton Hall on McCormick Road. University Guides also will conduct tours of Grounds at 2:15 p.m. and 3:15 p.m. starting at the front entrance to Thornton Hall.

FOOD:

Einstein Bros. Bagels in Rice Hall will be open from 9:00 a.m. - 3:30 p.m. on March 18. Food trucks also will be located in the stadium parking lot near Small Hall.

PARKING: Engineering Open House participants can park free in the E3 and T4 lots. There may be fees or permitting requirements for other University parking areas.

PRESENTATIONS

Engineering Overview

9 a.m. / Chemistry Building Auditorium Room 402 / Exec. Assoc. Dean for Academic Affairs Maite Brandt-Pearce

Biomedical Engineering at UVA

10 a.m. and 11 a.m. / Thornton Hall E Wing Room 303 / Prof. William Guilford, Undergraduate Program Director, and Biomedical Engineering Students

Chemical Engineering: Engineering Molecular and Biomolecular Change

9 a.m. (live presentation), 11 a.m. and 12 p.m. (recorded presentations), 1 p.m. (live presentation) / Chemical Engineering Building Room 005 / Prof. Roseanne Ford

Electrical Engineering: Enabling a Smart World

10 a.m. and Noon / Thornton Hall A Wing Room 120 / Prof. Keith Williams

Mechanical and Aerospace Engineering at UVA

10 a.m. and 11 a.m. / Mechanical and Aerospace Building Room 205 / Prof. Eric Loth, Department Chair

Introduction to Systems Engineering at UVA

10:30 a.m., 11 a.m., 11:30 a.m., 1 p.m., 1:30 p.m. / Olsson Hall Room 120 / Systems & Information Engineering Faculty

Admissions & Undergraduate Education

11 a.m. / Chemistry Building Auditorium Room 402 / Admission Representative and Prof. Lloyd Harriott, Assoc. Dean for Undergraduate Education

Civil & Environmental Engineering at UVA

11 a.m. and 1 p.m. / Thornton Hall D Wing Room 221 / Prof. Brian Smith, Department Chair

Why Might You Want to Major in Computer Science at UVA?

11 a.m. to Noon and Noon to 1 p.m. / Rice Hall Room 130 / Professors Jim Cohoon, Tom Horton and Mark Sherriff

Bridging the Gap, Transforming the Future: Chemical Engineers are Key!

11:15 a.m. / Chemical Engineering Building Room 005 / Halsey Prof. Katie Hunt

Engineering Greats: How Engineers Have Changed the World!

Noon / Mechanical and Aerospace Engineering Room 205 / Prof. Larry G. Richards

Sights and Sounds of Space

1 p.m. / Mechanical and Aerospace Engineering Room 205 / Prof. Kathy Thornton

Pharmaceutical Biotechnology: My Experience at Merck

2:15 p.m. / Chemical Engineering Building Room 005 / Prof. of Practice Mike King

Mechanical & Aerospace Engineering

**All exhibits will take place in the Mechanical and Aerospace Engineering building.

Center for Applied Biomechanics

9 a.m. to 3 p.m. / Room 213

Mechatronics Lab

9 a.m. to 3 p.m. / Room 204 / Prof. Gavin Garner

Rapid Prototyping Lab

9 a.m. to 3 p.m. / Room 217 / Dir. Dwight Dart

Computation, Visualization and Bioinspiration Laboratory

9 a.m. to 3 p.m. / Room 348 / Prof. Haibo Dong, Students

Flight Simulator

9 a.m. to 3 p.m. / South Hallway / Prof. James McDaniel, Students

Mechanical Engineering at UVA

9 a.m. to 3 p.m. / Room 213 / Faculty and Students

Baja Car Student Team

9 a.m. to 3 p.m. / Plaza Outside North Entrance

UVA AIAA (American Institute of Aeronautics and Astronautics) and Hoos Flying AIAA Students

9 a.m. to 3 p.m. / Room 214 / Aerospace Students

Spacecraft Design

9 a.m. to 3 p.m. / Room 215 / Prof. Chris Goyne, Students

Aerospace Engineering at UVA

9 a.m. to 3 p.m. / Room 214 / Prof. Eric Loth, Students

Chemical Engineering

Meet the Faculty and Students

9 a.m. to 3 p.m. / Chemical Engineering Building Lobby / Chemical Engineering Faculty and Students

Undergraduate Teaching Laboratory

9 a.m. to 3 p.m. / Wilsdorf Hall Room 301 / Eric Anderson and Fourth-Year Students

Battery Technologies

9 a.m. to 3 p.m. / Chemical Engineering Room 317 / Prof. Gary Koenig

Tissue Engineering: Designing Biomaterials for Regeneration

9 a.m. to 3 p.m. / Wilsdorf Hall Room A005 / Prof. Kyle Lampe

Protein Chromatography for the Manufacture of Biopharmaceuticals

9 a.m. to 3 p.m. / Chemical Engineering Room 129 / Prof. Giorgio Carta

Deepwater Horizon: Oil Spill Remediation with Dispersants (Hands-On Demonstration)

9 a.m. to 3 p.m. / Wilsdorf Hall Room 103 / Prof. Roseanne Ford

ChemE Car: Undergraduate Student Design Competition

Noon to 2 p.m. / Chemical Engineering Building Lobby 2nd Floor / ChemE Car Student Team

Wahoo Wizards: ChE Experiments for Kids

Noon to 2 p.m. / ChE Outdoor Amphitheater or Chemical Engineering Lobby (Rain Location) / Chemical Engineering Student Outreach Team

Biomedical Engineering

IDEAS Lab Tours (40 Mins. Each)

Noon to 2 p.m. / Thornton A Wing Room 006 / For high school juniors and seniors; first-come, first-served. Twelve participants are admitted every 15 minutes.

Systems & Information Engineering

Post-Disaster Infrastructure Recovery Sequencing and the Outcome for Vulnerable Populations

9:30 a.m. to Noon / Olsson Hall Room 104 / Krista Rand, Graduate Research Assistant

Commonwealth Center for Advanced Logistics Systems, and Student Capstone Project topics such as: Data Analytics, Human Factors, Decision Support, Mathematical Optimization, Risk Analysis, Financial Engineering, Healthcare, Wireless Technologies, Modeling & Simulation, Security and Crime Analysis, Military, Environmental Systems, Engineering Management

9:30 a.m. to 2 p.m. / Olsson Hall 104 and 1st Floor / Prof. James H. Lambert, Thomas L. Polmateer and Various Students

Robots and Humans

9:30 a.m. to 2:30 p.m. / NI Lab, West Wing Thornton Hall / Prof. Laura Barnes and Students

Next-Generation Human-Computer Interaction

10 a.m. to 12 p.m. / Olsson Hall Room 002A (Lab) / Prof. Inki Kim

Reinforcement Learning

10 a.m. to 12 p.m. / Olsson Hall 105 / Prof. Peter Beling, Stephen Adams and Students

Demos on Aerial and Ground Robotic Vehicles

10 a.m. to 12 p.m. / Rice Hall Room 028 (Lab) / Prof. Nicola Bezzo and Students

School of Engineering Technology Leaders Program: Quadcopters, Smart Greenhouses, Miniature Delivery Robots and More!

10 a.m. to 1 p.m. / Rice Hall Room 120 / Lacy Engineering Design Laboratory / Professor Gregory C. Lewin and Technology Leaders Program Students

Research and Careers in Systems Engineering

10 a.m. to 2 p.m. / Olsson Hall 1st Floor / INCOSE Undergraduate Student Organization

Object Detection Using Deep Learning

11 to 11:30 a.m. and 1 to 1:30 p.m. / Olsson Hall Room 102 / Prof. Quanquan Gu

Civil & Environmental Engineering

PureMadi - Sustainable Water Purification for the Developing World

9 a.m. to 3 p.m. / Thornton Hall D Wing Room 222 / Prof. James Smith, Students

Computer-Aided Materials by Design: Micromechanics at Its Finest

9 a.m. to 3 p.m. / Thornton Hall D Wing Room 222 / Prof. Marek Pindera, Students

Concrete Canoe & Steel Bridge Competitions

9 a.m. to 3 p.m. / Thornton Hall D Wing Room 222 / American Society of Civil Engineers Student Chapter

Smart Travel Lab: Connected Vehicles - Harnessing Information and Communication Technology for Improved Travel

9 a.m. to 3 p.m. / Thornton Hall D Wing Room 112 / IT Specialist David Thomas, Students

Environmental Engineering Laboratories

9 a.m. to 3 p.m. / Thornton Hall D Wing Room 105, 005, 013 / Tony Singh, Environmental Engineering Laboratory Manager

Digital Image Correlation and Hybrid Simulation - Infrastructure Laboratory

9 a.m. to 3 p.m. / Thornton Hall D001/ Keegan Gumbs, Infrastructure Laboratory Manager

Computer Science

**All exhibits will take place in Rice Hall.

Meet with the Computer Science Department Chair

9 to 10 a.m. / Room 130 / Professor Kevin Skadron

Meet with Computer Science Faculty

9 to 11 a.m. and 1 to 3 p.m. / Room 130

Meet with Computer Science Undergraduate Students

9 a.m. to Noon and Noon to 3 p.m. / 2nd Floor Lobby, West End

Student Game Developers

9 a.m. to 3 p.m. / Room 304 / Students

Computer Museum

9 a.m. to 3 p.m. / 5th Floor Lobby, West End

Graphics & Vision Lab

12 p.m. to 3 p.m. / Room 224 / Fuwen Tan, Ning Yu

Little Coder Card Game - Kid-friendly Activity

9 a.m. to Noon / Room 242 / Women in Computer Science Students

Hot Topics in Computer Architecture

9 a.m. to 1 p.m. / Room 332 / Chunkun Bo, Vinh Dang, Ke Wang

Smart Homes, Phones, Watches & Beyond

10 a.m. to 3 p.m. / Room 540 / Zeya Chen, Ifat Emi, Meiji Ma, Abu Sayeed Mondol, Sarah Preum, Asif Salekin

Statistical and Machine Learning Lab

11 a.m. to 3 p.m. / Room 330 / Jinghui Chen, Lingxiao Wang, Aditya Chaudhry and Luke Merrick

Engineering & Society

Help E&S Students, Faculty and Staff Tackle Real-Life Engineering Problems: a Collaborative Space for Learning about What Makes UVA a Unique Experience

9:30 a.m. to 11:30 a.m. with short Q&A Following / Thornton Hall A Wing Room 238 and Adjacent Stacks / Undergrads, Faculty, Staff and Alumni

Electrical & Computer Engineering

Student Projects and Selected Research - Hands-On Activities for Visitors

9 a.m. to 3 p.m. / Thornton C Wing - NI Discovery Lab / Prof. Joanne Dugan

Materials Science & Engineering

The Engineering Science / Materials Science Majors

9 a.m. to 3 p.m. / Wilsdorf Hall 109a / Faculty

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9 a.m. to 3 p.m. / Outside Wilsdorf Entrance / Students

NanoDays Hands-On Demonstrations

9 a.m. to 3 p.m. / Wilsdorf Atrium and Room 103 / Students

NanoGames and Design Challenge

9 a.m. to 3 p.m. / Wilsdorf Atrium 2nd Floor / Students

Tours of the Materials Nano Labs

10 a.m. to 2 p.m. / Leaving from the Wilsdorf Café

Screening of NOVA Series "Making Stuff"

9 a.m. to 3 p.m. / Wilsdorf Hall Room 200