Welcome.

We are delighted to provide you with a tour of our state-of-the-art facilities and share more about our world-class programs:

- Mechanical Engineering (ME)
- Electrical and Computer Engineering (ECE)
- Biomedical Engineering (BME)
- Civil Engineering (CE)
- Environmental Engineering (ENV)
- Computer Science (CS)
- Mathematics & Statistics (M/S)
- Data Science (DS)
- Physics (PHYS)

Pop-up CEMS Student Services
VOTEY HALL FIRST FLOOR

Students have access to incredible support, including expert advisors, internships, and an unparalleled Career Readiness Program. We’ll be on hand to help guide you and answer questions to about your academic journey.

Good for: All prospective CEMS students

Hydraulics Lab
VOTEY HALL - V101

This lab features a wind tunnel, where students can test wing designs and gain a quantitative understanding of things like “stall speed”; and a flume to study water hydraulics for applications like hydroelectric energy.

Good for: CE, ENV, and ME

Student Club Space
VOTEY HALL - V118

Learn about opportunities in CEMS clubs from students involved in AERO (Alternative Energy Racing Organization) and Engineers without Borders.

Good for: All prospective Engineers

Senior Engineering Experience Design (SEED) Lab
VOTEY HALL - V120

During their senior year, Students take a multidisciplinary design course where they apply their skills and learning to engineer real solutions for local clients and businesses.

Good for: All Engineers

Prototype Lab / Machine Shop
VOTEY HALL - V125

CEMS Students have the opportunity to take a 1 credit course to learn how to use the industrial equipment located in our fully equipped Machine shop.

Good for: All prospective CEMS students

Geomaterials Lab
VOTEY HALL - V127

Students study how to characterize soils, learn how water flows through them, and determine how strong they are. They can experiment with lunar and Martian soil simulants as well as crushed recycled glass that can be used as a sand substitute in construction applications.

Good for: CE and ENV

Fabrication Lab (aka FabLab)
VOTEY HALL - V227, 242 & 248

A place for innovation, creativity and digital fabrication. The UVM FabLab features state-of-the-art digital fabrication technology and services for UVM courses, research, faculty and students.

Good for: All prospective CEMS students

Ski Safety Lab
VOTEY HALL - V223

Students engage in real-world design projects to develop innovations and solutions to improve safety in the ski industry.

Good for: ME

TESLA Energy Systems Teaching Lab
VOTEY HALL - V312

Students build prototypes and receive an in-depth understanding of current and voltage, sensors, input and output control, and iterative design. They simulate devices and construct circuits for a variety of applications and learn about AM, FM, and digital communication signals.

Good for: EE
**Math/Stats Space**  
DISCOVERY HALL - W108

Mathematics, Statistics, and Computer Science clubs use this space to dive deeper into their learning or work on group projects. Students study, share ideas, work on CatCoders projects, and join meetings to learn about job and internship opportunities from external employers.

Good for: CS, M/S, DS

**SECOND FLOOR**

**ENV Teaching Lab**  
DISCOVERY HALL - W218

The ENV Teaching Lab is used by students for water quality and environmental quantitative analysis to investigate contamination through test samples. (Self-Guided)

Good for: ENV

**THIRD FLOOR**

**Center for Biomedical Innovation**  
DISCOVERY HALL - W326

The CBI brings together students, faculty, and industry through shared programming and an interactive space for applied research, engineering design, technology development, and education.

Good for: BME

**FOURTH FLOOR**

**Physics Space**  
DISCOVERY HALL - W424

Students are trained in small, innovative classes by distinguished teacher-scholars where they conduct innovative experiments in well-equipped labs for advanced research that has real-world impact.

Good for: PHYS

**Active Learning Classrooms**  
INNOVATION HALL - E204 AND E210

We teach using group problem solving, team projects, and other methods that require that students can share their work with the class, and work in small groups using large screens.

Good for: CS, M/S, DS

**Mass Mutual Center for Excellence in Data Science**  
INNOVATION HALL - FOURTH FLOOR

This Center advances study and research in the field of data science and analytics. Students gain deeper insights into data assets, publish their findings, and identify trends in health and wellness, among other vital fields. (Self-Guided)

Good for: CS, M/S, DS
INNOVATION HALL
(Rooms begin with an “E” as in E100)

DISCOVERY HALL
(Rooms begin with a “W” as in W100)

VOTEY HALL
(Rooms begin with a “V” as in V100)

1. Connector (enclosed) between Discovery and Innovation Halls.
2. Bridge (enclosed) between Discovery Hall 2nd floor and Votey Hall 3rd floor.

LEARN MORE
Scan this QR code to take a virtual 3D tour of CEMS Spaces, learn more about our facilities, and hear from students and employers about why they excel at UVM.

REACH OUT
Have specific questions about your academic journey? Scan the QR code to email us your questions.