

PREPARE TO LAUNCH.

Your 4-year path to career success at the University of Vermont's **College of Engineering and Mathematical Sciences (CEMS)** is built on a proven foundation of hands-on experience and team-based learning. We provide the connections that lead to successful careers and top graduate schools.



	1 FIRST YEAR Explore	2 SECOND YEAR Experience	3 THIRD YEAR Focus	4 FOURTH YEAR Achieve
Academics	- Design solutions to campus-based problems collaboratively with your peers in the <i>first-year seminar course</i> - Complete basic math and science requirements - Connect with the <i>Tutoring Center</i> - Meet with your academic advisor - Learn about study abroad, minor, co-major, and undergraduate certificate opportunities	- Complete foundational courses in your major - Talk to professors about <i>research and teaching assistantships</i> - Access <i>study groups</i> and <i>office hours</i> to sharpen study skills - Meet with your faculty advisor	- Complete <i>intermediate courses</i> and <i>electives</i> in your major <i>Study abroad</i> in Year 2 or 3 - Attend an <i>Accelerated Master's Program</i> info session - Explore general education courses outside of your major	- Complete the <i>capstone experience</i> and <i>advanced electives</i> in your major - Check your degree progress and submit your <i>intent to graduate form</i> - Collect <i>UVM commencement cords</i> for honors, first gen, volunteerism, and club membership among others
Community and Leadership	- Study with peers and mentors at the <i>CEMS First Year Hours</i> - Connect with the <i>UVM Intercultural Centers</i> - Attend the <i>Activities Fest</i> to learn about clubs and student organizations - Explore all that Burlington has to offer - Follow us on <i>Facebook</i>, <i>Instagram</i>, and <i>LinkedIn</i>	- Join a <i>CEMS Peer Mentor</i> cohort to support incoming first-year students - Join a <i>CEMS club</i> - Engage in volunteer and outreach opportunities through <i>UVM 4H-Extension</i>, <i>Vermont FIRST</i>, <i>MATHCOUNTS</i>, <i>Engineering Week</i>, and <i>Girls Who Code</i>	- Consider becoming a club officer, orientation leader, or residential advisor - Consider applying for funding to grow your club, travel to a conference, or run a campus event - Serve as a <i>STEM Ambassador</i> and support K-12 outreach - Consider applying for a <i>summer research experience</i>	- Consider serving as a Student Director for the <i>CEMS Peer Mentor program</i> - Serve on a <i>student advisory board</i> <i>Pass the Torch</i> to the next generation of student leaders in CEMS
Career Preparation	- Join a <i>UVM Career Center</i> interest group - Meet with the <i>CEMS Career Readiness Coordinator</i> - Attend a <i>career workshop</i> to learn about resume writing, LinkedIn, and networking - Attend an <i>internship and job fair</i> - Connect with employers visiting campus	- Find internship and networking opportunities on <i>Handshake</i> - Attend the <i>STEM Networking Night</i> - Check out tools like <i>UVM Connect</i>, <i>JobScan</i>, <i>Buzzfile</i>, and <i>GoinGlobal</i> - Connect with classmates and alumni on <i>LinkedIn</i>	- Update your resume, and <i>LinkedIn</i> profile - Attend an <i>Employer Resume Review Night</i> - Practice interview and application skills with the <i>Career Center</i> or <i>CEMS Career Readiness Coordinator</i> - Apply for opportunities at career fairs and networking events	- Create a job search strategy and timeline with your career advisor - Attend <i>career fairs</i> and follow up with potential employers - Explore opportunities for <i>graduate study</i> and application requirements



College of Engineering
and Mathematical Sciences

Our **Career Readiness Program** will help you get going with internship and co-op placements, general career advising, job searches, and interview preparation.

Scan the QR Code to learn more:

