Academic Course Track

**First Year**
- Begin your program sequence with your 400-level Ocean Engineering Seminar courses.
- Begin your math sequence.
- Begin Discovery Program electives, including First Year Writing.
- Begin your chemistry and physics courses.

**Second Year**
- Continue your program sequence with your 500 & 600-level CE & ME courses.
- Continue your 500-level math sequence.
- Continue with your Discovery Program electives.
- Complete your chemistry and physics sequence.
- Complete Introduction to Engineering Computing and Introduction to Oceanography.

**Fast Track Your Professional Skills by Presenting Your Research, Projects, and Capstone/Thesis Experiences at the Undergraduate Research Conference Interdisciplinary Science and Engineering Symposium**

**Third Year**
- Continue your program sequence with 600 & 700-level CE & ME courses.
- Continue your Discovery Program electives.
- Complete one or two technical electives.
- Complete Introduction to Electrical Engineering.

**Fourth Year**
- Complete your program sequence with 700-level CE courses including Ocean Projects.
- Complete technical electives with the support of your program advisor.
- Complete Discovery Program electives.

Wildcat Way to Professional Success

**Build Awareness**
- Identify your interests, skills, and values
  - Career and Professional Success staff can provide assessment tools to help with the exploration process.
- Learn about your field of interest/industry areas, job types/titles, growth projections
  - Review O*Net, the Bureau of Labor Statistics, Potential Careers for your Majors, WGU, and Pathways
- Map your skills to industry needs
  - Search job descriptions, indeed.com, LinkedIn, and company-specific pages to learn what skills are in demand.
- Understand the career paths of fellow students and alumni
  - Join Wildcat Connections, review alumni LinkedIn profiles, UNH Today, and college websites for alumni stories.
- Understand salary ranges for your industry
  - Search salary.com, Glassdoor, O*Net, and the Bureau of Labor Statistics to find ranges for roles in your industry.
- Create and update career documents
  - Including resumes, cover letters, and other professional correspondence.
- Create and practice your professional pitch
  - Take part in the Career Strategic Networking sessions with the College of Liberal Arts Cap team.
- Develop your LinkedIn profile
  - Attend the Career Express or Cap2 Workshop Series to receive feedback and tips on optimizing your profile.
- Practice interviewing for your specific industry/field and professional goals
  - Use Interview Stream to record a practice interview, conduct a mock interview with a mentor/employer.
- Cultivate your professional image
  - Dress for success, learn industry-specific etiquette, and review your digital presence (social media and online search results).

**Build Professional Image**
- Engage in research and field experience
  - Take the Jackson Career Explorer, Skills Scan, or Values Card Sort (available through Careers and Professional Success).
- Publish your research and papers
  - Submit your research to psychology-specific journals.
- Present at professional conferences and competitions
  - Take part in the Undergraduate Research Conference.
- Secure a Teaching Assistant, Lab Assistant, or tutoring position
  - Take on a leadership or service position within your department to support your peers.
- Study away to build your national and global citizenship
  - Find the right program for you with National Student Exchange, Semester in the City, Education Abroad, etc.
- Consider submitting your research to appropriate engineering and science journals
  - Take part in the Undergraduate or Graduate Research Conference as well as any department poster sessions.

**Build Experience**
- Learn about all of the resources available on campus
  - Explore the A-Z Resource Guide on unh.edu to see all UNH has to offer.
- Volunteer to support your local or global community
  - UNH Civic and Community Engagement.
- Join and participate in clubs and/or student organizations
  - Fund through the Office of Student Involvement and Leadership, academic organizations, and Campus Recreation.
- Pursue student leadership positions
  - Apply to be a Resident Assistant, take a leadership position in an organization, run for student government.

**Professional**
- Shadow professionals and companies of interest
  - Look to Wildcat Connections or career connections to build relationships and request shadowing experiences.
- Secure at least one internship
  - Search through Wildcat Careers, established Psychology internship opportunities, or other connections to find options.
- Get a part-time job to build other transferrable skills
  - Attend the Local and On-Campus Student Job Fair, inquire with campus departments, or local businesses.
- Search through Wildcat Careers, Indeed.com, and pay attention to department and career weekly emails.

**Build Relationships**
- Build professional and personal networks
  - Connect with alumni, faculty, staff, employers, supervisors, parents, friends, family members, etc. Create a profile on Wildcat Connections, join national associations, and expand your LinkedIn connections.
- Attend employer events on campus and in the community
  - Resume Review Days, Career and Internship Fairs, employer tabling, information sessions, employer and alumni panels.
- Conduct informational interviews
  - Meet with a variety of professionals from desired industry organizations to learn about their careers and stories.
- Secure 3-5 professional references
  - Connect within a combination of appropriate employers, faculty, staff, and/or supervisors.

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**Ocean Engineering**

Professional Success Pathway

College of Engineering and Physical Sciences
Career and Professional Success

[Image of the Ocean Engineering program with various icons and text blocks related to academic, personal, and professional development.]
WILDCAT WAY TO PROFESSIONAL SUCCESS

At the University of New Hampshire, students develop personal and professional skills by following the Wildcat Way to Professional Success. This model is designed to provide guidance and recommended action steps throughout the UNH experience, equipping students with the knowledge and tools to thrive in an ever-changing future.

EXPERIENTIAL LEARNING
Learning happens not only in the classroom and on campus, but also, and equally as important, through hands-on interactions and engagement with industry, national labs, NSF-REUs, and other organizations and partners. Experiential learning helps students to "connect the dots" and explore the link between academic interests and potential career paths. Students participate in experiential learning at a variety of sites, including:

- Naval Laboratories
- Airmar
- NOAA
- Center for Coastal and Ocean Mapping
- TE Connectivity
- BAE Systems

GRADUATE SCHOOL
Graduates from the CEPS Class of 2017 enrolled in masters and doctoral programs at the following institutions:

- University of New Hampshire
- Clemson University
- Colorado State University
- Duke University
- Rensselaer Polytechnic Institute
- Stanford University
- Technical University of Munich
- Texas A&M
- Tufts University
- University of Colorado Boulder
- University of Michigan

POTENTIAL CAREERS
Ocean Engineering

Students in ocean engineering are immersed in the exploration and utilization of the marine environment. They study in an interdisciplinary field rooted in a variety of engineering and physical science disciplines. Awaiting students are hands-on research in our recently expanded Jere A. Chase Ocean Engineering Laboratory, on our vessels, in our estuaries and on the coastal ocean. Students utilize emerging technologies to interrogate the ocean environment, map the ocean floor, design ocean structures and address the dynamic forces that lead to coastal erosion. Potential careers include, but are not limited to:

- Ocean Engineer
- Ocean Mapper
- Research Technician
- Coastal Engineer
- Marine Engineer

unh.edu/career