WILDCAT WAY TO PROFESSIONAL SUCCESS

BUILD AWARENESS
- Identify your interests, skills, and values
- Learn about your field of interest: industry areas, job titles, growth projections
  (Review O*NET, the Bureau of Labor Statistics, Potential Careers for your Major)
- 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)
- Create and update career documents
  (Including resumes, cover letters, and other professional correspondence)
- Create and practice your professional pitch
  (Take part in the Career Storytelling Workshop series with the College of Liberal Arts GPA team)
- Develop your LinkedIn profile
  (Attend Career Express or GPA Workshop Series to receive feedback and tips on optimizing your profile)
- Practice interviewing for your specific industry/field and professional goals
  (Use InterviewStream website to record a practice interview, conduct a mock interview with a mentor/employer)
- Cultivate your professional image
  (Dress for success, learn industry-specific etiquettes, and review your digital presence (social media and web search results))

BUILD PROFESSIONAL IMAGE
- Engage in research and field experience
  (Take the Jackson Career Explorer, Skills Scan, or Value 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 Research Conference as well as any department post 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
  (Find 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)

BUILD RELATIONSHIPS
- Build professional and personal networks
  (Connect with alumni, faculty, staff, employers, supervisors, parents, friends, and family members)
- 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 industries or organizations to hear their career stories and advice)
- Secure 3-5 professional references
  (Connect with a combination of appropriate employers, faculty, staff, and/or supervisors)

FIRST YEAR
- Begin your program sequence with your Freshman Seminar and other 400-level PHYS courses.
- Begin Discovery and program electives. You will complete 6 physics, 6 engineering, and 2 elective courses. Be sure to work with your program advisor to select your track of interest—e.g., aerospace, materials science, or engineering research.
- Begin your math sequence.
- Complete General Chemistry 1 or Chemical Principles for Engineers.
- Complete your required computer programming course.

SECOND YEAR
- Continue your program sequence with your 500 & 600-level PHYS & ENG courses.
- Continue your Discovery and program electives.
- Continue your math sequence.
- Investigate research opportunities at UNH and internships off campus.

THIRD YEAR
- Continue your program sequence with 600 & 700-level PHYS & ENG courses.
- Continue your Discovery and program electives.
- Continue your math sequence.
- Investigate research opportunities at UNH and internships off campus.

FOURTH YEAR
- Complete your program sequence with 700-level PHYS & ENG courses including a Capstone or a Senior Project.
- Complete Discovery and program electives.
- Begin to apply for jobs or graduate school.

PLEASE NOTE: ACADEMIC COURSE SELECTION CHANGES RAPIDLY. MAKE SURE YOU ARE USING DEGREEWORKS AND MEETING WITH YOUR ACADEMIC ADVISOR REGULARLY.

FAST TRACK YOUR PROFESSIONAL SKILLS BY PRESENTING YOUR RESEARCH, PROJECTS, AND CAPSTONE/THESIS EXPERIENCES AT THE UNDERGRADUATE RESEARCH CONFERENCE INTERDISCIPLINARY COURSE AND ENGINEERING SYMPOSIUM.
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:

- BAE Systems
- NASA
- The Johns Hopkins Applied Physics Lab
- Microsoft
- Raytheon
- University of New Hampshire

**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**

**Engineering Physics**

If you're interested in a career in engineering physics, job prospects vary with different occupations in the field. The U.S. Bureau of Labor Statistics (BLS) projected average job growth for physicists at 14 percent from 2016 to 2026 (www.bls.gov). In addition, the BLS expected jobs for aerospace engineers to grow 6 percent from 2016 to 2026, about as fast as the average for all occupations, while jobs for materials engineers will experience slight growth at 2% from 2016-2026. Potential careers include, but are not limited to:

- Material Scientist
- Acoustics Engineering
- Aerospace Engineering
- Nuclear Engineering
- Physicist

unh.edu/career