



FIRST YEAR

SECOND YEAR

THIRD YEAR

FOURTH YEAR

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

Begin your program sequence with Perspectives in Electrical and Computer Engineering and your other required 400 & 500-level ECE & CS courses.
Begin Discovery program electives, including First Year Writing and either Principles of Economics or Environmental and Resource Economics Perspectives.
Begin your math and science sequences.

Continue your program sequence with your 500 level ECE courses.
Continue your math sequence.
Continue with your Discovery program electives.
Continue and potentially complete your science sequence.

Continue your program sequence with 600 level ECE courses.
Continue your Discovery program electives, completing your math/science elective.
Continue your math sequence if needed.

Complete your program sequence 700 level ECE courses including Senior Project I & II.
Complete professional electives with the support of your program advisor.
Complete Discovery program electives.

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

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 Major pages, Vault, and Pathsource
- 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

BUILD PROFESSIONAL IMAGE

- 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 CaPS team
- Develop your LinkedIn profile
Attend Career Express or CaPS 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 etiquette, and review your digital presence (social media and web search results)

ACADEMIC

- Engage in research and field experience
Take the Jackson Career Explorer, Skills Scan, or Values Card Sort (available through Career 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 or Graduate 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

CO-CURRICULAR

- 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

PROFESSIONAL

- Shadow professionals and companies of interest
Use Wildcat Connections or campus connections to build relationships and request job 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, friend's parents, 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 hear their career stories and advice
- Secure 3-5 professional references
Connect with a combination of appropriate employers, faculty, staff, and/or supervisors



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:

- Allegro Microsystems, LLC.
- BAE Systems
- Lockheed Martin
- Raytheon
- Schneider Electric
- Teradyne

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

Electrical Engineering

Overall employment of electrical and electronics engineers is projected to grow 7 percent from 2016 to 2026, about as fast as the average for all occupations. The change in employment is expected to be tempered by slow growth or decline in most manufacturing industries in which electrical and electronics engineers are employed.

Job growth for electrical and electronics engineers is projected to occur largely in engineering services firms, as more companies are expected to tap the expertise of engineers in this industry for projects involving electronic devices and systems. These engineers also will remain in demand to develop sophisticated consumer electronics.

The rapid pace of technological innovation will likely drive demand for electrical and electronics engineers in research and development, an area in which engineering expertise will be needed to design distribution systems related to new technologies. These engineers will play key roles in new developments with solar arrays, semiconductors, and communications technologies. The need to upgrade the nation's power grids will also create demand for electrical engineering services. Additionally, these engineers may play a role in assisting with the automation of various production processes. Potential careers include, but are not limited to:

- Controls Engineer
- Electrical Engineer
- Nuclear Systems Engineer
- QA/QC Engineer
- Reliability Engineer
- Test Engineer