



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.

ACADEMIC COURSE TRACK

Begin your program sequence with your Freshman Seminar and General Chemistry I & II.

Begin your math sequence.

Begin Discovery program electives, including First Year Writing. Be sure to meet with your program advisor to ensure you are taking the right mix of discoveries.

Continue your program sequence with your 500 level chemistry classes and labs.

Continue your math sequence if needed.

Continue with your Discovery program electives.

Begin your science sequence. Complete your foreign language requirement.

Continue your program sequence with 600 & 700 level chemistry classes and labs.

Complete program electives, continuing to meet with your program advisor to assist with selections.

Continue your Discovery program electives.

Complete a one-year senior thesis (capstone) project working closely with a chemistry faculty mentor and other research students.

Complete your program sequence with any remaining 700 level chemistry classes.

Select program 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:

- Amgen
- Boston Analytics
- Lonza
- MilliporeSigma
- Thermo Fisher Scientific
- 3M

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

BA Chemistry

Employment of chemists is projected to grow 3 percent from 2014-2024 as they continue to be needed in scientific research and development (R&D) and to monitor the quality of products and processes.

Employment of materials scientists is projected to grow 3 percent from 2014-2024 as demand increases for cheaper, safer, and better quality materials for a variety of purposes, such as electronics, energy, and transportation.

Chemists and materials scientists with advanced degrees, particularly those with a Ph. D. and work experience, are expected to have more opportunities. Large pharmaceutical and biotechnology firms provide openings for these workers at research laboratories, and many others work in colleges and universities. Furthermore, chemists with advanced degrees will continue to fill most senior research and upper-management positions. Potential positions include, but are not limited to:

- Chemist
- Analytical Chemist
- Lab Scientist
- QA/QC Chemist
- Research Chemist
- Chemistry Teacher