### Academic Course Track

<table>
<thead>
<tr>
<th>First Year</th>
<th>Second Year</th>
<th>Third Year</th>
<th>Fourth Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Begin your program with your freshman seminar and General Chemistry 1 &amp; 2.</td>
<td>Begin your program sequence with your 500 level chemistry classes and labs.</td>
<td>Continue your program sequence with 600 &amp; 700 level chemistry classes and labs.</td>
<td>Complete a one year senior thesis (capstone) project working closely with a chemistry faculty mentor and other research students.</td>
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<tr>
<td>Begin your math sequence.</td>
<td>Continue your math sequence if needed.</td>
<td>Complete program electives, continuing to meet with your program advisor to assist with selections.</td>
<td>Complete your program sequence with any remaining 500 level chemistry classes.</td>
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<tr>
<td>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 discovery.</td>
<td>Complete your Science sequence.</td>
<td>Complete your Discovery program electives.</td>
<td>Select program electives with the support of your program advisor.</td>
</tr>
</tbody>
</table>

### Wildcat Way to Professional Success

**Build Awareness**
- Identify your interests, skills, and values
- Learn about your field of interest: industry areas, job types/titles, growth projections
- Map your skills to industry needs
- Understand the career paths of fellow students and alumni
- Create and update career documents
- Create and practice your professional pitch
- Develop your LinkedIn profile
- Practice interviewing for your specific industry/field and professional goals
- Cultivate your professional image

**Build Professional Image**
- Identify your goals and develop a professional brand
- Prepare for interviews and networking events
- Create a professional portfolio
- Network with professionals and alumni
- Volunteer for community service
- Participate in professional organizations
- Continue your professional development

**Build Experience**
- Engage in research and field experience
- Publish your research and papers
- Present at professional conferences and competitions
- Secure a Teaching Assistant, Lab Assistant, or tutoring position
- Volunteer to support your local or global community
- Join and participate in clubs and/or student organizations
- Participate in professional organizations
- Pursue student leadership positions

**Build Relationships**
- Build professional and personal networks
- Attend employer events on campus and in the community
- Conduct informational interviews
- Secure 3-5 professional references

### Academic
- 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
- Volunteer to support your local or global community
- UNI Civic and Community Engagement
- Join and participate in clubs and/or student organizations
- Participate in professional organizations
- Pursue student leadership positions

### Co-Curricular
- Learn about all of the resources available on campus
- Explore the UNI Resource Guide on wiki.edu to see all UNI has to offer
- Volunteer to support your local or global community
- UNI Civic and Community Engagement
- Join and participate in clubs and/or student organizations
- Participate in professional organizations
- Pursue student leadership positions

### Professional
- Shadow professionals and companies of interest
- Attend Wildcat Career 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 funding
- Get a part-time job to build other transferrable skills
- Attend the Local and Off-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
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