<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 sequence with your Freshman Seminar and General Chemistry 1 &amp; II.</td>
<td>Continue 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 your program sequence with any remaining 700 level chemistry classes and your thesis and senior seminar.</td>
</tr>
<tr>
<td>Begin your math sequence.</td>
<td>Begin your math sequence.</td>
<td>Complete program electives, continuing to meet with your program advisor to assist with selection.</td>
<td>Select program electives with the support of your program advisor.</td>
</tr>
<tr>
<td>Begin Discovery program electives, including Front Year Writing. Be sure to meet with your program advisor to ensure you are taking the right mix of discovery.</td>
<td>Continue your Discovery program electives.</td>
<td>Complete Discovery program electives.</td>
<td>Complete General Biochemistry</td>
</tr>
</tbody>
</table>

**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
- 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**
- ACADEMIC
  - 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
  - Consider submitting your research to appropriate engineering and science journals
- CO-CURRICULAR
  - Learn about all of the resources available on campus
  - Join and participate in clubs and/or student organizations
  - Pursue student leadership positions
- PROFESSIONAL
  - Shadow professionals and companies of interest
  - Secure at least one internship
  - Secure a part-time job to build other transferable skills
  - Build professional and personal networks
- BUILD RELATIONSHIPS
  - Attend employer events on campus and in the community
  - Conduct informational interviews
  - Secure 3-5 professional references
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**

**BS 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