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:

- Cigna
- Liberty Mutual Insurance
- Elementary & Secondary Schools
- Mathworks
- Novo Nordisk
- Technology Business Research, Inc.

**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 Math**

Overall employment of mathematicians and statisticians is projected to grow 33 percent from 2016 to 2026, much faster than the average for all occupations. Employment growth will vary by occupation.

Employment of statisticians is projected to grow 33 percent from 2016 to 2026, much faster than the average for all occupations. Growth is expected to result from more widespread use of statistical analysis to make informed business, healthcare, and policy decisions. In addition, the large increase in available data from the Internet will open up new areas for analysis.

Employment of mathematicians is projected to grow 29 percent from 2016 to 2026, much faster than the average for all occupations. However, because it is a small occupation, the fast growth will result in only about 900 new jobs over the 10-year period. The amount of digitally stored data will increase over the next decade as more people and companies conduct business online and use social media, smartphones, and other mobile devices. As a result, businesses will increasingly need mathematicians to analyze the large amount of information and data collected. Analyzes will help companies improve their business processes, design and develop new products, and even advertise products to potential customers.

In addition, mathematicians and statisticians will be needed in the scientific research and development services and pharmaceutical and medicine manufacturing industries. The aging of the U.S. population is expected to prompt pharmaceutical companies to develop new treatments and medical technologies. Biostatisticians will be needed to conduct the research and clinical trials necessary for companies to obtain approval for their products from the Food and Drug Administration. Potential careers include, but are not limited to:

- Actuary
- Mathematical Scientist and Research Analyst
- Mathematical Consultant
- Cryptographer
- Operations Research Analyst
- Numerical Analyst
- IT Analyst (Liberty)
- Software Developer
- Systems Engineer
- Content Developer
- Teacher

unh.edu/career