



University of
New Hampshire

Discover the University of New Hampshire

College of Engineering and Physical Science





**University of
New Hampshire**

- Top-100 national research university
- 200+ Bachelor's, Master's and Ph.D. programs
- Strong focus on undergraduate education





**University of
New Hampshire**

- 12,500 Undergraduates and 2,200 graduate students
- 46%:54% Men to women
- 50% NH residents
- 1,050 International students from 85 countries





University of New Hampshire



- Durham - 15 minutes from Portsmouth or Atlantic Coast
- < 90 min from Boston, MA or NH White Mountains
- Shuttle Bus service on campus and to surrounding areas
- Amtrak train station on campus
- 24/7 Campus security
- Low crime area





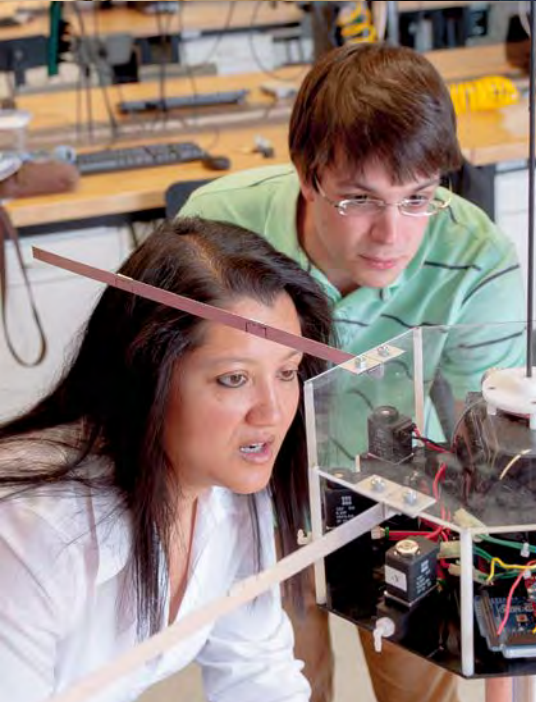
University of
New Hampshire



Academics

100+ undergraduate programs offered through:

- Paul College of Business & Economics
- College of Engineering and Physical Sciences
- College of Liberal Arts
- College of Life Sciences and Agriculture
- College of Health & Human Services





University of
New Hampshire



Land-grant, sea-grant, space-grant charters

“FROM DEEP SPACE TO THE OCEAN DEPTHS”

The interdisciplinary research at the Institute for the Study of Earth, Oceans, and Space (EOS) places it in the forefront of academic centers offering students from around the globe the opportunity to work alongside distinguished faculty on leading-edge research projects.



University of
New Hampshire



100+ Master's and Ph.D. programs

- In all colleges, Including UNH Manchester
- UNH Law School and its Franklin Pierce Center for Intellectual Property



CEPS programs 350 Graduate Students

M.S. and Ph.D. in all Disciplines
MEng in Engineering Programs
Manufacturing
Ocean Engineering
Oceanography
Physics - Space Science
Natural Resources and Earth Systems Science



College of Engineering and Physical Sciences

Chemical Engineering

Chemical Engineering (B.S.)*
Bioengineering (B.S.)**

Civil and Environmental Engineering

Civil Engineering (B.S.)*
Environmental Engineering (B.S.)*

Electrical and Computer Engineering

Electrical Engineering (B.S.)*
Computer Engineering (B.S.)*

Mechanical Engineering

Mechanical Engineering (B.S.)*
Ocean Engineering (B.S.)**

Chemistry

Chemistry (B.A. and B.S.)

Computer Science

Computer Science (B.S.)*
Information Technology (B.S.)*

Earth Sciences

Earth Science (B.A. and B.S.)

Mathematics

Mathematics (B.A. and B.S.)

Physics

Physics (B.A. and B.S.)
Engineering Physics**

*ABET accreditation



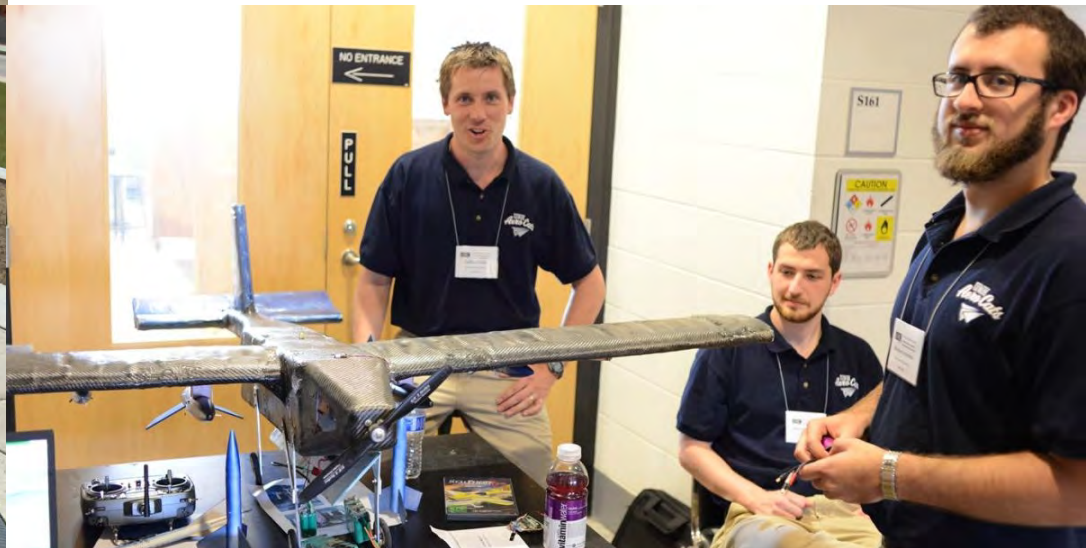
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Mechanical Engineering

Students majoring in mechanical engineering can focus on final year projects in:

- Automotive & F1 Racing Car Design
- Aircraft Design
- Turbojet Engine Design





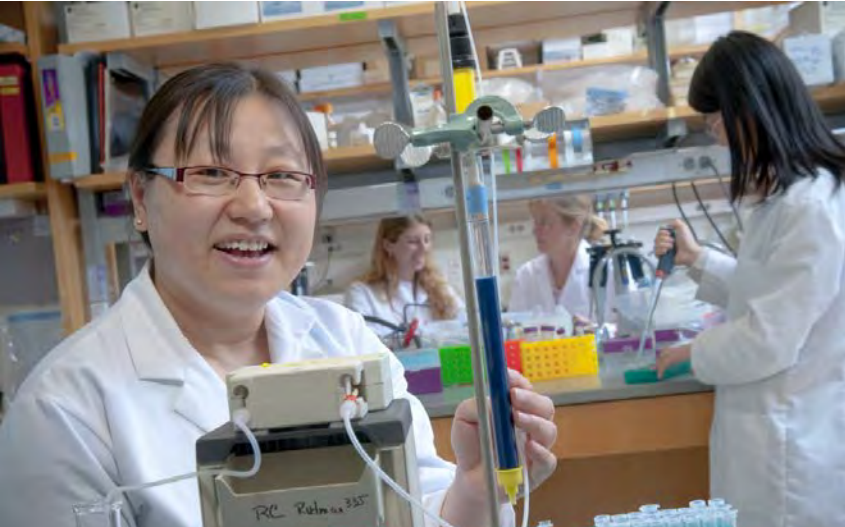
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Chemical Engineering

A broad range of options for students to choose:

- Energy Conservation
- Bioengineering & Biomedical
- Environmental Engineering
- Petroleum Science (Earth Science/Geology)





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Bioengineering

Application of basic biological sciences and chemical engineering principles to the design and operation of large-scale bioprocesses for the production of high value medical products, food and beverage, pharmaceutical, biomedical, and health care products.





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Ocean Engineering

Your access to engineering pertaining to the ocean and the coastal zone.

Marine science, estuarine, and freshwater biology, aquaculture and fisheries





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Civil and Environmental Engineering

Students can take a minor in **Architectural Science** or any of the sub-disciplines"

- Civil engineering materials
- Environmental engineering
- Geotechnical engineering
- Structural engineering
- Water resources engineering



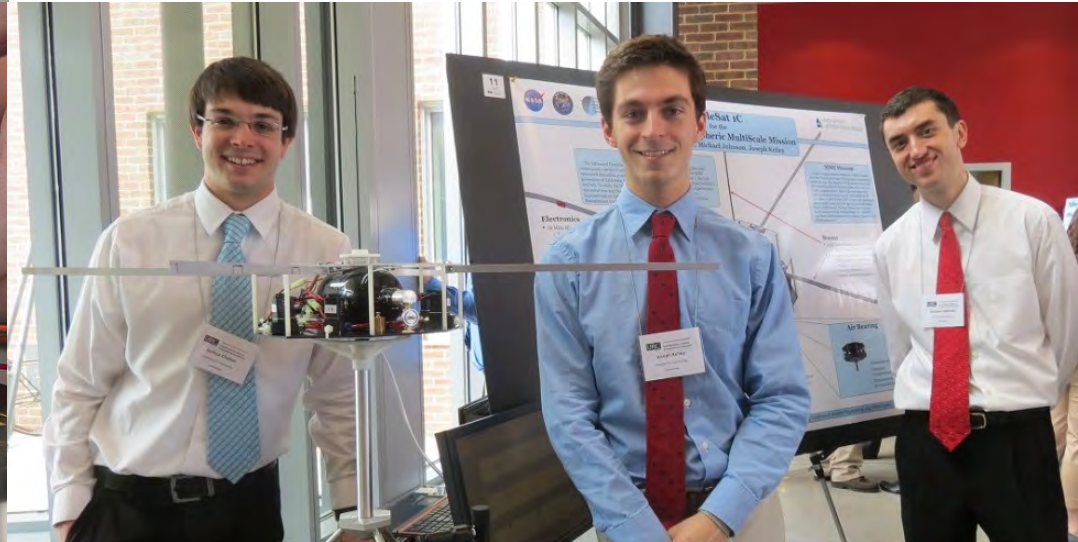
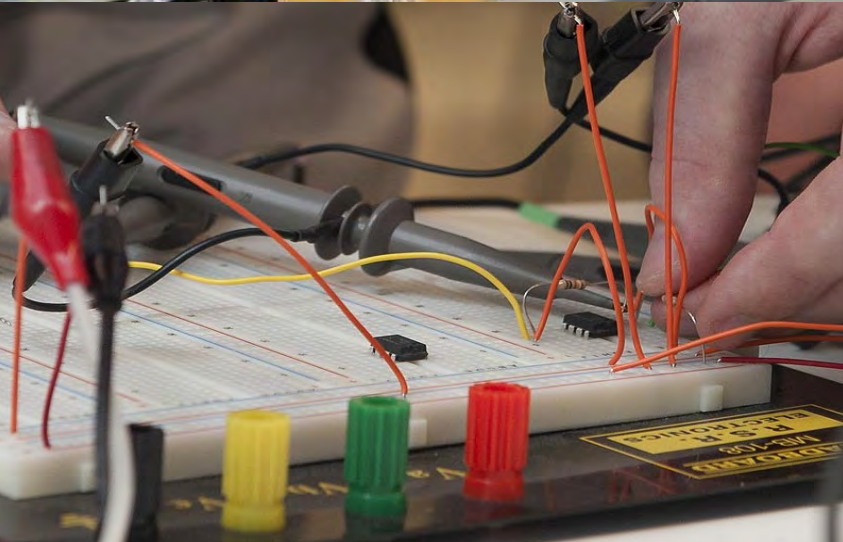


University of
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Electrical and Computer Engineering

A robust curriculum combining theories of electrical engineering with real-time applications of embedded computer engineering and advanced technology.





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Discover

Computer Science and Information Technology



60% of students engaged in research and internships

40% of the students are doing internships with the UNH IOL

IT students mandatory internship



Experience

UNH Inter-Operability Lab (IOL)

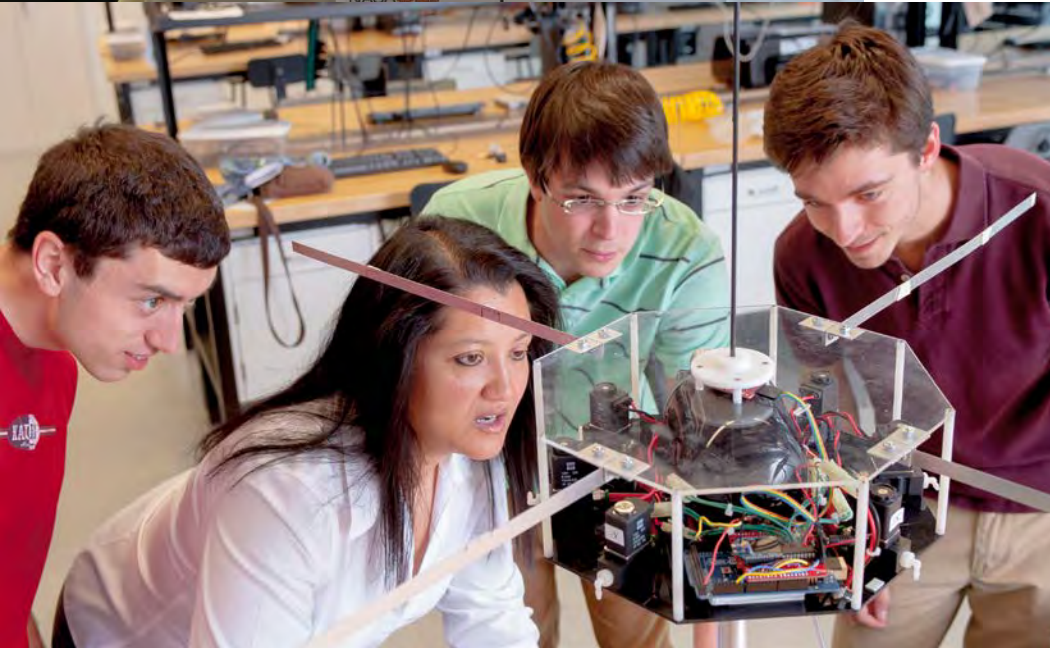
- Interoperability Laboratory (UNH-IOL) tests networking and data communications products.
- Since 1988, the lab has fostered multi-vendor interoperability while preparing students for careers in the industry.
- More than 100 full and part-time student employees gaining **hands-on experience** with developing technologies.
- More than **100 technology companies** joined the consortium membership at UNH IOL.



Experience

Final Year Project

- All engineering students must complete a two-semester senior year project.
- There are over 15 different research and design projects students can choose from. Projects will be guided by faculty members from the engineering departments.
- Some projects are submitted for regional & national competitions among universities.

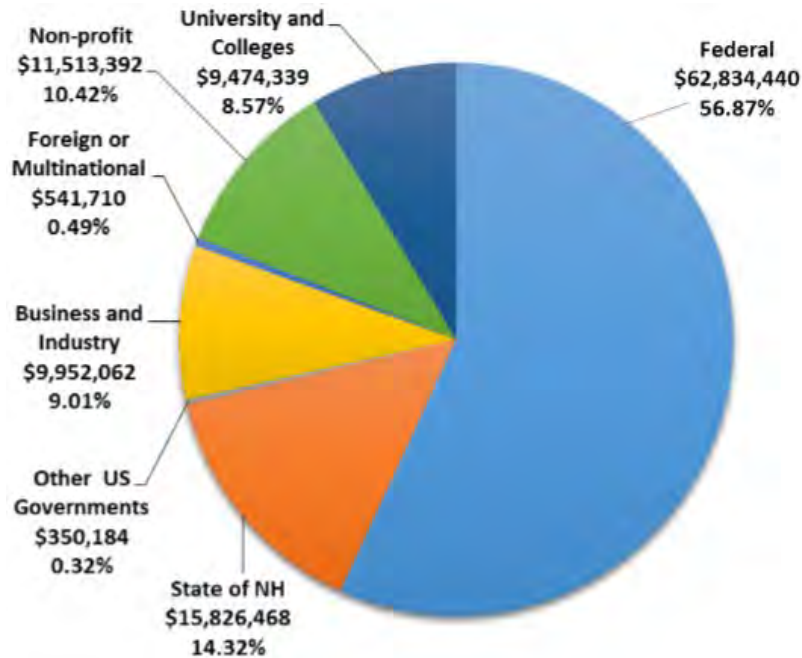




Experience

Hands-on research at UNH

- **Land, sea and space** research grant institution – one of 9 in the USA
- **NASA collaboration** – one of only 3 in Northeast US with Harvard and MIT
- UNH received over **\$110 Million** for research grants in 2014.
- Home to **80+ research centers**



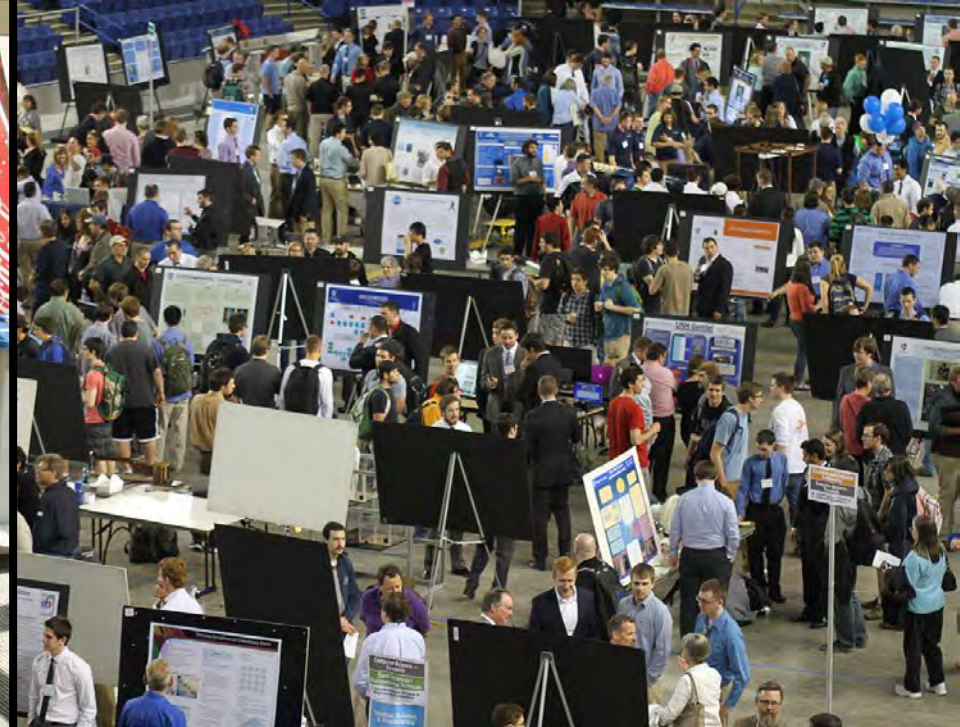
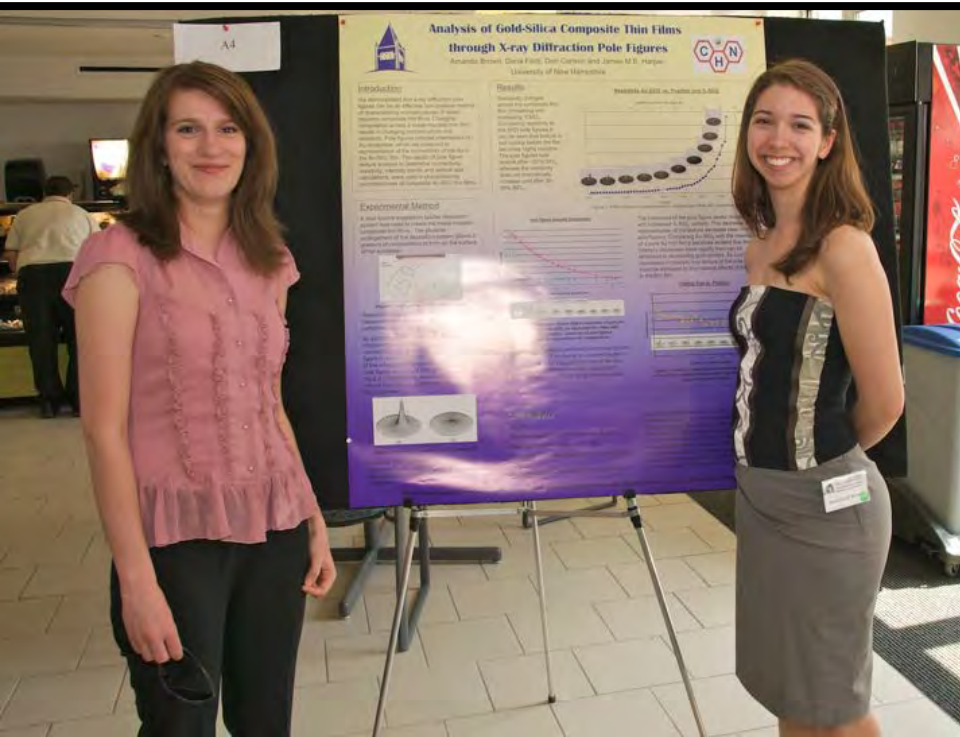


University of
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Experience

Undergraduate Research Conference

Two-week Symposium
>1,100 Student presenters
>160 projects in CEPS





University of
New Hampshire

Student Life



- 91% of first year students live on campus
- Variety and community in full-featured dorms
- Themed housing available, including international
- Professional staff, hall managers and directors
- Focus on creating a safe place to learn and grow





University of
New Hampshire

Student Life

- Office of International Students and Scholars
- English as a Second Language (ESL) Institute
- Center for International Education
- Office of Fellowships
- Advising & Career Services
- Multicultural Student Affairs
- Health & Counseling Center
- Residential Life





Student Life

- 250 students clubs and organizations, including:
 - arts, literary and music
 - cultural, religious and spiritual
 - Academic, civic and service
 - sports and recreation
- Movies , performances, games, lectures and more
- Wildcats Division I athletics
- Lots of school spirit!





University of
New Hampshire

Student Life

- Award-winning food service in three main dining halls
- Organic produce grown on campus
- Special diets accommodated
- UNH Dairy Bar and other grab-n-go locations
- Dining options in Durham and Portsmouth





University of
New Hampshire

Student Life

- Discipline-specific Student Organizations
- Professional Development Opportunities
- College-centered Career Advising
- K-12 Outreach





**University of
New Hampshire**

Student Life

University of New Hampshire

12,531 undergraduate students

2,411 graduate students

Durham, New Hampshire

5 km to Atlantic Ocean

100 km to White Mountains

100 km to Boston

- Daily Bus service
- Daily Train service

400 km to New York

- Daily Bus service
- Daily Train service

