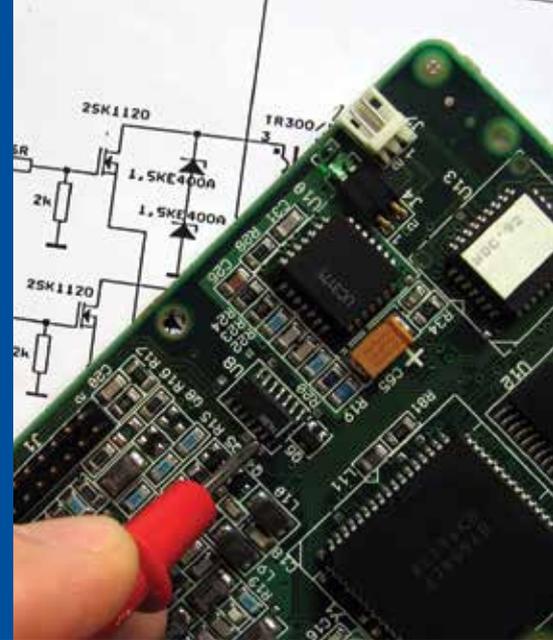




University of
New Hampshire

DEPARTMENT OF COMPUTER SCIENCE & IT



Computer Science is a dynamic field that offers the intellectual challenge and satisfaction of constructing complex software systems. No matter what the future holds, a deep understanding of computer technology will always be essential in our 'wired society'.

Potential careers include software engineer, software developers, programmer, system analyst, network administrator, database developer, system administrator, and webmaster.

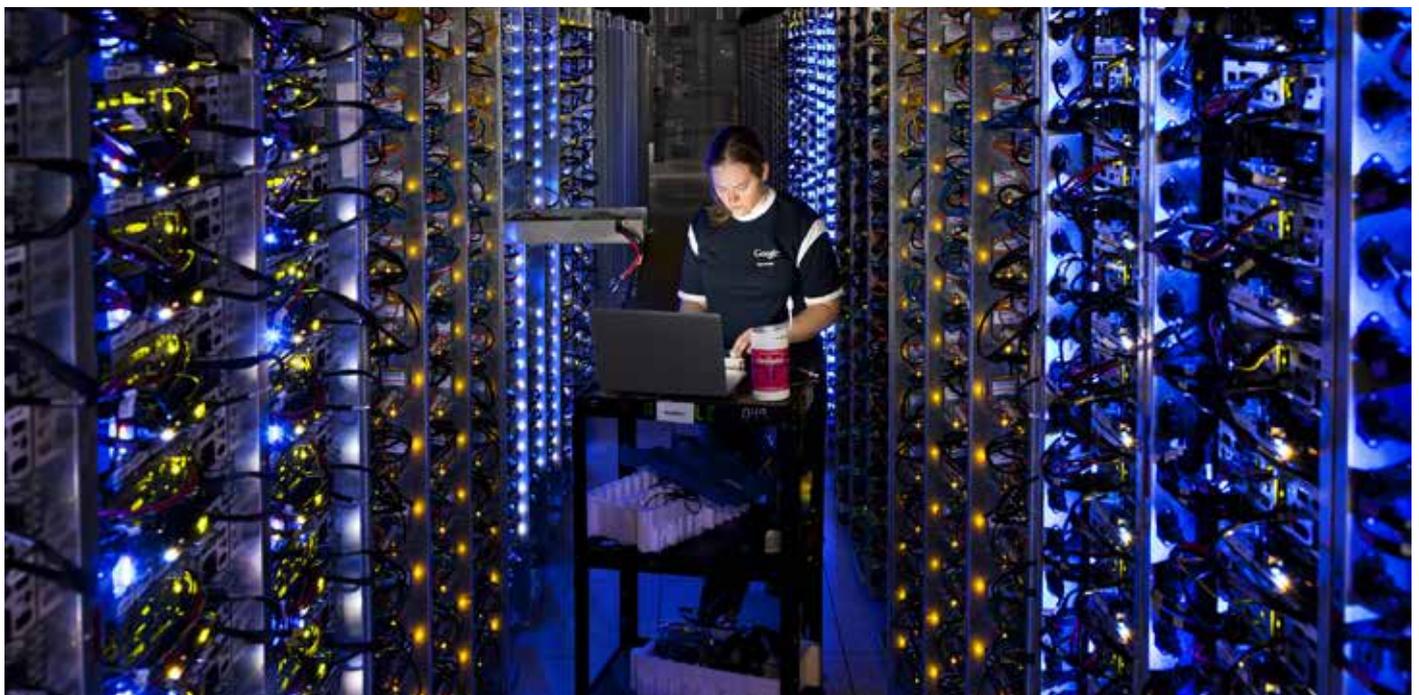
Program highlights

- Students can join the AI Group and Robotics Seminar to discuss topics in these areas and will have the chance to work on actual robots!
- An accredited program by the Computing Accreditation Commission of the American Board of Engineering and Technology (ABET).
- Informative Technology students will complete a mandatory (paid) internship which counts towards their degree.
- Undergraduate research is strongly encouraged. The majority of UNH computer science and IT students are engaged with research and internship programs every year.
- UNH-Interoperability Lab (IOL) offers part-time and full-time internship programs where students can benefit from the only full-scale, non-profit networking test lab in the world that balances industry expertise with the real-world training of future engineers. Over 100 technology companies including Apple, Dell, HP, and IBM are members of the UNH IOL consortium.

**U.S. NEWS & WORLD
REPORT 2016**

**TOP
50**

PUBLIC UNIVERSITY



What will you be studying?

Students may choose from one of two degree options:

Bachelor of Science in Computer Science

Focused on the design and implementation of software systems, related to computational problem solving. Computer scientists study the nature of computation and its fundamental theories. They develop knowledge and skills in the hardware and software systems that underlie computing tasks, and in the methods, languages, and algorithms necessary to design and implement highly complex software systems.

Bioinformatics option

Students who choose this path are still Computer Science majors but have a concentration in the Life Sciences. The option has the same core as the B.S. program but requires appropriate coursework in Chemistry, Biology, Biochemistry and Statistics.

Bachelor of Science in Information Technology

Focused on the application of existing computing technologies to meet the information needs of organizations and individual computer users. Information technology deals primarily with the application of existing computing technologies to the information needs of organizations and individual computer users.

*UNH maintains the **highest standards of teaching**, and its programs are delivered by **qualified university instructors** selected for their skill in working with international students.*

Noteworthy courses

- Planning for Robots
- Introduction to Artificial Intelligence
- Computer Graphics
- Data Structures
- Introduction to Human-Computer Interaction
- Introduction to Software Design and Development
- Operating System Fundamentals
- Programming Language Concepts and Features

UNDERGRADUATE PATHWAY



* Entry into the second year of an undergraduate degree program is dependent upon successful completion of IUTP with the specified subjects and grade point average (GPA). † A recognized and accredited degree will be determined by the admissions department. ‡ Entry into a master's degree program is dependent upon successful completion of PMP with the specified subjects and grade point average (GPA).

The University of New Hampshire (UNH) is a premier research university set on a **classic American campus** with a unique emphasis on undergraduate education.



Your education is more than a matter of degree
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