Engineers don’t just use technology; we create it!

Engineers design, build and change our 21st century world in surprising—and profound—ways. Answering society’s needs—for high tech products and revolutionary transport systems, pharmaceutical drugs and consumer products, better medical instruments and surgical techniques, clean energy, a sustainable environment, more user-friendly computers and software, communications technologies, sensing and defense—engineers shape our world in ways few others do.

Visit us online at www.engr.uconn.edu
You may also combine any one of these programs with a minor in one of the nearly 90 options available to UConn undergraduates. Eleven engineering-specific minors include Bioinformatics, Biomedical Engineering, Computer Science, Electronics & Systems, Engineering Management, Environmental Engineering, Information Assurance, Information Technology, Materials Science & Engineering, Nanomaterials, and Nanotechnology.

**PREPARING YOU FOR A FUTURE IN ENGINEERING**

Our curriculum stresses engineering fundamentals and relevant experience. From week one, students are immersed in a dynamic learning environment. Your preparation begins with the basics: coursework in math, chemistry, physics, liberal arts electives and introductory engineering courses. In these courses, as a team member or individual, you will immediately begin to solve real problems. Using the Engineering Learning Center—a cutting-edge computer lab—and other resources in various departments and research centers, you will tackle engineering projects side-by-side with classmates. After selecting a major course of study, you begin specialized coursework, with a choice of 12 exciting degree programs.

**B.S. Degree Programs**

- Biomedical Engineering
- Chemical Engineering
- Civil Engineering
- Computer Engineering
- Computer Science & Engineering
- Computer Science
- Electrical Engineering
- Engineering Physics *(EE, ME, OR MSE)*
- Environmental Engineering
- Management & Engineering for Manufacturing
- Mechanical Engineering
- Materials Science & Engineering
WHY CHOOSE UCONN ENGINEERING?

Besides receiving the most comprehensive engineering education in New England, you will experience:

CAMARADERIE AND FUN. Through team projects and formal and informal study groups, you are surrounded by peers who share your academic experiences, assuring you a rich opportunity to form close personal ties that last a lifetime.

GREAT TEACHERS. Our 150 faculty members are committed to providing you a superior learning experience that balances classroom and hands-on laboratory lessons with campus life.

INDIVIDUAL ATTENTION. Our 15:1 student-to-faculty class size ratio ensures personal academic attention.

SCHOLARSHIPS. UConn Engineering offers many merit-based scholarships that enhance the affordability of a superb engineering education. Each year we award more than $700,000 to continuing undergraduates. UConn also offers a variety of merit-based scholarships.

ACADEMIC RESOURCES. No-cost academic tutoring and study groups are available in core science, math and engineering coursework.

CHALLENGES. UConn’s competitive Honors Program immerses you in a more challenging academic environment, with access to advanced courses, seminars, independent research, an Honors thesis/project and a vibrant intellectual community.

INDUSTRY EXPERIENCE. Most undergraduates engage in paid industry internships or co-ops. Every student participates in the capstone Senior Design experience, most often as a team member focused on developing a novel design solution to a real challenge posed by a sponsoring industry partner. These experiences immerse you in the workplace before starting your career and allow companies to assess your fit as a potential employee.

TOP-NOTCH FACILITIES. Our teaching facilities, computing and research labs are state-of-the-art and constantly upgraded to assure you safe, quality learning resources and equipment.

RESEARCH OPPORTUNITIES. Many students choose to work in faculty labs where they help to advance important research while gaining hands-on experience.

FOREIGN STUDY. Many students engage in EUROTECH® or Study Abroad to gain international experience and hone a language skill. EUROTECH students earn bachelor’s degrees in engineering and German Studies, and intern with a German manufacturer. Learn more: www.engr.uconn.edu/EUROTECH or www.studyabroad.uconn.edu.

GREAT JOBS. Our graduates are recruited for exciting, challenging jobs by top employers. Starting salaries average $52,000-$65,000.

ENRICHING ENVIRONMENT. UConn’s many Learning Communities provide a welcoming atmosphere, activities, seminars and friends centered within specific interest or major areas. These include the interdisciplinary EcoHouse, Global House, Innovation House, Leadership House and Public Health House; and the program-focused Engineering, EUROTECH Program, and WiMSE (Women in Math, Science & Engineering) communities, among many.
Through special scholarships, academic support and early preparation programs, we enhance the educational experience and success of students from groups traditionally underrepresented in engineering, including women and minorities.

DIVERSITY

We offer several excellent pre-college options permitting underrepresented students in middle and high school to sample engineering, including our Multiply Your Options (MYO) and Engineer Your Future (EYF) workshops for 8th grade girls and minority boys, respectively; and our Pre-Engineering Saturday enrichment program for grades 7-9. Once admitted to the engineering program, qualifying students may take advantage of our five-week summer readiness program, BRIDGE, to improve math, science and computer proficiencies. Group study sessions, tutoring, internships and mentoring are all provided to help qualifying students succeed.

To learn more, please contact:
Kevin McLaughlin
Director, Engineering Diversity Program
kjm@engr.uconn.edu
Ph.: (860) 486-9306
As a graduate, you will be sought-after by many of the nation's top employers. Our alumni build highly rewarding, exciting and successful careers in all sectors of society.

We also provide a sound foundation for those planning to pursue a graduate education in engineering, medicine, business or other disciplines. Among our graduates are legions of practicing engineers, CEOs of Fortune 500 companies; astronauts; presidents and vice presidents of top manufacturing companies; chief scientists at NASA, the U.S. Department of Energy, the U.S. Department of Transportation and other federal agencies; entrepreneurs and consultants; college professors; physicians and lawyers.

Alumnus and NASA astronaut Richard Mastracchio (B.S. Electrical Engineering/Computer Science, ’82), returned to his alma mater in 2012 to share anecdotes and insights about his experiences as an astronaut aboard the space shuttle Discovery.
WE PREPARE YOU FOR CAREERS IN DIVERSE OCCUPATIONS

ADVANCED MANUFACTURING
ADVANCED MATERIALS ENGINEERING
AEROSPACE
ARCHITECTURAL ENGINEERING
BIOCHEMICAL ENGINEERING
BIOMEDICAL ENGINEERING
BIOTECHNOLOGY
CHEMICAL ENGINEERING
CIVIL ENGINEERING
COMBUSTION ENGINEERING
COMPUTER DESIGN AND SOFTWARE
COMMUNICATIONS TECHNOLOGIES
CONSTRUCTION ENGINEERING
CYBER- AND HARDWARE SECURITY
ELECTRICAL ENGINEERING
ENVIRONMENTAL ENGINEERING
HUMAN-MACHINE INTERFACING
INFORMATION ENGINEERING
MECHANICAL ENGINEERING
POLYMER ENGINEERING
PRODUCT SAFETY AND RELIABILITY
SOFTWARE DESIGN
STRUCTURAL ENGINEERING
SUSTAINABLE ENERGY
SYSTEMS ENGINEERING
TECHNOLOGY MANAGEMENT
TRANSPORTATION ENGINEERING
WATER RESOURCES ENGINEERING

UNIVERSITY LIFE

Opportunity, excellence, challenges and fun await you here. Join us!

Today, UConn is enjoying a renaissance fueled by the State’s nearly $4 billion investment in the university’s infrastructure and STEM (science, technology, engineering and mathematics) programs. The results of this investment are apparent across the UConn campus, which is booming with excitement and opportunity.

Soon, construction will begin on a new $1 billion state-bonded UConn Tech Park at the Storrs campus, which will become a nexus for collaborative research and innovation in advanced manufacturing and materials while adding jobs.

In 2012, UConn began an ambitious faculty hiring initiative to recruit nearly 300 new faculty by 2016. UConn Engineering is hiring new faculty in areas like materials genomics, advanced manufacturing, biomedical science and genomics, cyber security and sustainable systems.

And in 2016, a new, $60 million state-of-the-art engineering building will open. Beyond the highly visible new construction, a strong academic and teaching vitality pervades UConn, and particularly the School of Engineering.
Our graduates are employed in exciting and rewarding engineering positions with companies nationwide, including:

**Accenture**
**Aetna**
**Alcoa Howmet**
**Alstom**
**AltieriSeborWieber, LLC**
**ASML**
**ATMIa**
**BAE Systems**
**Bayer HealthCare Pharmaceuticals**
**BD**
**Belcan Corporation**
**Bentley Systems**
**BL Companies**
**Bloomy Controls, Inc.**
**Boehringer Ingelheim**
**Brown and Caldwell**
**Burns & McDonnell**
**Carrier Corporation**
**Chemtura**
**Cianbro Corporation**
**Clairol Corporation**
**Cigna**
**Clough, Harbour & Associates, Inc.**
**Cognizant**
**Connecticut Department of Transportation**
**Coreslab Structures (CONN), Inc.**
**Coviden**
**DataViz, Inc.**

**Dominion**
**DuPont**
**Duracell**
**Emerson Process Management – Fisher Division**
**ESPN**
**FactSet**
**FAST, Inc.**
**Fuss & O’Neill, Inc.**
**Gems Sensors and Controls**
**General Dynamics Electric Boat**
**General Electric Corporation**
**Gerber Scientific**
**GI Dynamics**
**Gilbane Building Company**
**Google**
**Groundwater & Environmental Services, Inc.**
**GZA GeoEnvironmental, Inc.**
**HAKS Engineering**
**Hatzel & Buehler, Inc.**
**HP**
**IBM**
**Intel**
**Jacobs Vehicle Systems**
**Kaman Aerospace**
**Kiewit Corporation**
**Klewinn Construction, Inc.**
**Leggette, Brashears & Graham, Inc.**

**Legrand Wiremold**
**Louiero**
**Massachusetts Department of Transportation**
**National Instruments**
**Naval Undersea Warfare Center**
**Nerac**
**Northeast Utilities**
**Nova Biomedical**
**Nucor Steel**
**Otis Elevator**
**PepsiCo**
**PerkinElmer**
**Pfizer Corporation**
**Phonon Corporation**
**Pitney Bowes Corporation**
**Pratt & Whitney**
**Procter & Gamble**
**Proton OnSite**
**RBC Bearings**
**Rogers Corporation**
**RoviSys**
**Saint-Gobain Abrasives, Inc.**
**Savant Systems**
**Scan-Optics, Inc.**
**Sensata Technologies**
**Sikorsky Aircraft**
**Stanley Black & Decker**

**Stantec**
**Siefert Associates**
**Skanska**
**Synapse Group, Inc.**
**Tallan Inc.**
**TBI Construction Company, LLC**
**Technology Service Corp.**
**The Dennis Group**
**The Lee Company**
**Travelers Insurance**
**Trumpf**
**Turner Construction**
**Unilever Home & Personal Care**
**United Technologies, Inc.**
**URS Corporation**
**UTC Aerospace Systems**
**Vanasse Hangen Brustlin, Inc.**
**Waters Corporation**
**Wentworth Laboratories**
**Westinghouse Electric Company**
**Whiting-Turner**
**Woodard and Curran, Inc.**
**Wright-Pierce**
**Zachry Nuclear Engineering**
**Zeeco**
**Zygo Corporation**

To learn more, please contact Dan Burkey, Associate Dean for Undergraduate Education & Diversity, at (860) 486-5466 or, by e-mail, at daniel@engr.uconn.edu.

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