UConn Engineering
2019 Fact Sheet

ABOUT ENGINEERING
UConn Engineering excels in education, research, and professional service. We are the primary source of engineering leadership and talent in Connecticut. Our students, faculty, and laboratory infrastructure support the technological activity needed to strengthen our economy. We proudly use our capabilities to improve our state, the nation, and the world.

DEGREE PROGRAMS
- Biomedical Engineering: BSE, MS, PhD
- Chemical & Biomolecular Engineering: BSE, MS, PhD
- Civil Engineering: BSE, MS, PhD
- Computer Engineering: BSE
- Computer Science: BS
- Computer Science & Engineering: BSE, MS, PhD
- Electrical Engineering: BSE, MS, PhD
- Engineering Physics: BSE, MS, PhD
- Environmental Engineering: BSE, MS, PhD
- Management & Engineering for Manufacturing (MEM): BS
- Materials Science & Engineering: BSE, MS, PhD
- Mechanical Engineering: BSE, MS, PhD
- Polymer Science: MS, PhD

PROFESSIONAL PROGRAMS
- Master of Engineering (MEng)
  - Advanced Systems Engineering
  - Advanced Manufacturing for Energy Systems
  - Civil Engineering
  - Clinical Engineering • Composites Engineering
  - Data Science • Environmental Engineering
  - General Engineering • Global Entrepreneurship
  - Electrical and Computer Engineering • Materials Science and Engineering • MBA/MEng Dual Degree
  - Mechanical Engineering

GRADUATE CERTIFICATES
- Advanced Systems Engineering
- Composites Engineering
- Contaminated Site Remediation
- Process Engineering
- Power Engineering
- Power Grid Modernization

OUR STUDENTS (FALL 2019)
- Undergraduates: 3535
- Graduate Students: 830

STUDENT CHARACTERISTICS

<table>
<thead>
<tr>
<th></th>
<th>UNDERGRAD</th>
<th>GRADUATE</th>
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<tbody>
<tr>
<td>Female</td>
<td>883</td>
<td>227</td>
</tr>
<tr>
<td>Intern</td>
<td>183</td>
<td>372</td>
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DEGREES CONFERRED
2018-2019 AY
- Bachelors: 758
- Masters: 144
- Doctorate: 83

581
Graduate Student Fellowships or Teaching/Research Assistantships Awarded

$900,516
Scholarship Funds Awarded to Students

51%
Percentage of Total Connecticut Engineering Graduates that come from UConn

4
Dual Degree Programs in Engineering and a Foreign Language: German, Spanish, Chinese, and French

INCREASE IN UNDERGRADUATE ENROLLMENT

A leader in the nation for closing the gender gap in engineering

Senior Design Demonstration Day
Students gain hands-on engineering experience and connect to potential employers through year-long Senior Design projects.

www.engr.uconn.edu
RESEARCH AND IMPACT

Our research programs promote economic development through collaboration with our industry partners, provide valuable hands-on experiences for our students, and facilitate engagement with government labs and agencies. Every year, our faculty members bring in millions of research dollars to advance our nation’s technological capabilities in a variety of sectors. These efforts help maintain UConn’s status as one of the top public research institutions in the country.

$48M
FY 18 Total Research Expenditures

$330K
FY 18 Research Expenditures per Faculty

25
FY 18 Patents Issued

44
Endowed (17), Named (7), and Term Professors (20)

FACULTY

148
Tenured/Tenure Track Faculty Members

4
2019 NSF CAREER Recipients

25
Teaching Faculty

ECONOMIC IMPACT

$80M
Invested by Industry in the new UConn Tech Park

37%
Portion of Connecticut Economy Generated by Engineering-related Industries

INDUSTRY ENGAGEMENT

~300
Companies Actively Collaborating with UConn Engineering past 5 years

40
Startups Launched with SoE Students and Faculty since 2017

CENTERS AND INSTITUTES

BOOTH ENGINEERING CENTER FOR ADVANCED TECHNOLOGY
CENTER FOR CLEAN ENERGY ENGINEERING
CENTER FOR MATERIALS PROCESSING DATA
COLLINS AEROSPACE CENTER FOR ADVANCED MATERIALS
CONNECTICUT CYBERSECURITY CENTER
• CENTER FOR HARDWARE AND EMBEDDED SYSTEMS SECURITY AND TRUST
• SYNCHRONY FINANCIAL CENTER OF EXCELLENCE IN CYBERSECURITY
• VoTeR: CENTER FOR VOTING TECHNOLOGY RESEARCH
• COMCAST CENTER OF EXCELLENCE FOR SECURITY INNOVATION
CONNECTICUT TRANSPORTATION INSTITUTE
CONNECTICUT TRANSPORTATION SAFETY RESEARCH CENTER
ENTERPRISE SOLUTION CENTER
• CONNECTICUT MANUFACTURING SIMULATION CENTER
• QUIET CORNER INNOVATION CLUSTER
• PROOF OF CONCEPT CENTER
EVERSOURCE ENERGY CENTER
FRAUNHOFER CENTER FOR ENERGY INNOVATION
GE-UCONN PARTNERSHIP FOR ADVANCED MATERIALS AND MODELING
NATIONAL INSTITUTE FOR UNDERSEA VEHICLE TECHNOLOGY
PRATT & WHITNEY ADDITIVE MANUFACTURING CENTER
REVERSE ENGINEERING FABRICATION INSPECTION & NON DESTRUCTIVE EVALUATION
THERMO FISHER SCIENTIFIC CENTER FOR ADVANCED MICROSCOPY & MATERIALS ANALYSIS
UTC INSTITUTE FOR ADVANCED SYSTEMS ENGINEERING

UNIVERSITY CENTERS AND INSTITUTES

CENTER FOR ENVIRONMENTAL SCIENCES AND ENGINEERING
INSTITUTE OF MATERIALS SCIENCE

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