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.

645
Graduate Student Fellowships or Teaching/Research Assistantships Awarded

$490,314
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

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

2019 Readers’ Choice A Top Engineering Universities & Graduate Schools Fostering Diversity & Inclusion. Woman Engineer Magazine, Fall 2019

OUR STUDENTS (FALL 2020)

Undergraduates 3385
Graduate Students 833

STUDENT CHARACTERISTICS

<table>
<thead>
<tr>
<th></th>
<th>UNDERGRAD</th>
<th>GRADUATE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Female</td>
<td>878</td>
<td>226</td>
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<tr>
<td>International</td>
<td>196</td>
<td>378</td>
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DEGREES CONFERRED 2019

<table>
<thead>
<tr>
<th>Degree</th>
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<th>Graduate</th>
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<tr>
<td>Bachelors</td>
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<tr>
<td>Masters</td>
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<tr>
<td>Doctorate</td>
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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: BS
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
• Biomedical Engineering
• Chemical & Biomolecular Engineering
• Civil Engineering
• Clinical Engineering
• Composites Engineering
• Data Science
• Environmental Engineering
• Global Entrepreneurship
• Electrical and Computer Engineering
• Materials Science and Engineering
• MBA/MEng Dual Degree
• Mechanical Engineering

GRADUATE CERTIFICATES
• Advanced Materials Characterization
• Advanced Systems Engineering
• Bridge Engineering
• Composites Engineering
• Contaminated Site Remediation
• Engineering Data Science
• Process Engineering
• Power Engineering
• Power Grid Modernization
• Renewable Energy

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.

$53M
FY 19 Total Research Expenditures

$365K
FY 19 Research Expenditures per Faculty

577
Active Grants

21
FY 19 Patents Issued

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

300
Companies Actively Collaborating with UConn Engineering past 5 years

40
Startups Launched with SoE Students and Faculty since 2017

$100M
Invested by Industry in the new UConn Tech Park

145
Tenured/Tenure Track Faculty Members

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

29
Teaching Faculty

4
2019 NSF CAREER Recipients

137
FY 19 Patents Issued

21
Active Grants

4
FY 19 Research Expenditures per Faculty

19%
FEDERAL

16%
INDUSTRY

75%
OTHER

RESEARCH FUNDING

CENTERS AND INSTITUTES

CENTER FOR CLEAN ENERGY ENGINEERING
CENTER FOR MATERIALS PROCESSING DATA
COLLINS AEROSPACE CENTER FOR ADVANCED MATERIALS
CONNECTICUT ADVANCED COMPUTING CENTER
• CENTER FOR HARDWARE AND EMBEDDED SYSTEMS SECURITY AND TRUST (CHEST)
• COMCAST CENTER OF EXCELLENCE FOR SECURITY INNOVATION
• SYNCHRONY FINANCIAL CENTER OF EXCELLENCE IN CYBERSECURITY
• VoTeR: CENTER FOR VOTING TECHNOLOGY RESEARCH
CONNECTICUT CENTER FOR APPLIED SEPARATIONS TECHNOLOGY (CCAST)
CONNECTICUT TRANSPORTATION INSTITUTE (CTI)
CONNECTICUT TRANSPORTATION SAFETY RESEARCH CENTER (CTSRC))
ENTERPRISE SOLUTION CENTER
• CONNECTICUT MANUFACTURING SIMULATION CENTER
• QUIET CORNER INNOVATION CLUSTER
• PROOF OF CONCEPT CENTER
EVERSOURCE ENERGY CENTER
NATIONAL INSTITUTE FOR UNDERSEA VEHICLE TECHNOLOGY
PRATT & WHITNEY ADDITIVE MANUFACTURING INNOVATION CENTER
REVERSE ENGINEERING FABRICATION INSPECTION & NON DESTRUCTIVE EVALUATION
UCONN 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
PETER J. WERTH INSTITUTE FOR ENTREPRENEURSHIP AND INNOVATION

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