**ABOUT UCONN 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.

**622**

Graduate Student Fellowships or Teaching/Research Assistantships Awarded

**$527,000**

Scholarship Funds Awarded to Students

**53%**

Percentage of Total Connecticut Engineering Graduates that come from UConn

**3**

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

**SENIOR DESIGN PROGRAM**

~237 Project Teams

~120 Industry Sponsors

~700 Senior Students

**DEGREE PROGRAMS**

- Advanced Manufacturing for Energy Systems, MS
- Biomedical Engineering, BSE, MS, PhD
- Chemical Engineering BSE, MS, PhD
- Civil Engineering, BSE, MS, PhD
- Computer Engineering, BSE
- Computer Science, BSE
- Computer Science & Engineering, BSE, MS, PhD
- Electrical Engineering, BSE, PhD
- Engineering Physics, BS
- Environmental Engineering, BSE, MS, PhD
- Management & Engineering for Manufacturing, BSE
- Material Science, MS, PhD
- Materials Science & Engineering, BSE, MS, PhD
- Mechanical Engineering, BSE, MS, PhD
- Multidisciplinary Engineering, BSE

**PROFESSIONAL PROGRAMS**

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

**GRADUATE CERTIFICATES**

- Advanced Materials Characterization
- Advanced Systems Engineering
- Bridge Engineering
- Composites Engineering
- Contaminated Site Remediation
- Engineering Data Science
- Power Engineering
- Power Grid Modernization
- Process Engineering

**OUR STUDENTS** (FALL 2021)

- Undergraduates: 3478
- Graduate Students: 911

**STUDENT CHARACTERISTICS**

<table>
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<th></th>
<th>UNDERGRAD</th>
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<tbody>
<tr>
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<tr>
<td>Int'l</td>
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**DEGREES CONFERRED 2020**

- Bachelors: 850
- Masters: 133
- Doctorate: 76
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.

$67M
FY 20 Total Research Expenditures

$372K
FY 20 Research Expenditures per Faculty

543
Active Grants

16
FY 20 Patents Issued

FACULTY
148
Tenured/Tenure Track Faculty Members

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

35
Teaching Faculty

5
2020 NSF CAREER Recipients

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

RESEARCH FUNDING

ECONOMIC IMPACT

50
Research Projects with Small & Medium Enterprises (SMEs) in Connecticut.

70
Startups Launched with SoE Students and Faculty since 2017

INDUSTRY ENGAGEMENT

~150
Companies Actively Collaborating with UConn Engineering Past Five Years

CENTERS AND INSTITUTES
Center for Clean Energy Engineering (C2E2)
Center for Materials Processing Data (CMPD)
Center for Science of Heterogeneous Additive Printing of 3D Materials (SHAP3D)
Collins Aerospace Center for Advanced Materials
Connecticut Advanced Computing Center (CACC):
  • Comcast Center of Excellence for Security Innovation Center (CSI)
  • Center for Hardware and Embedded Systems Security and Trust (CHEST)
  • Synchrony Center for Excellence in Cybersecurity
  • Center for Voting Technology Research (VoTeR Center)
Connecticut Center for Applied Separations Technology (CCAST)
Connecticut Transportation Institute (CTI)
Connecticut Transportation Research Center (CTSRC)
Enterprise Solution Center (ESC):
  • Connecticut Manufacturing Simulation Center (CMSC)
  • Quiet Corner Innovation Cluster
  • Proof of Concept Center (POCC)
  • Connecticut Manufacturing Resource Center (CMRC)
Eversource Energy Center
IN-situ/Operando Electron Microscopy (InToEM):
National Institute for Undersea Vehicle Technology (NIUVT)
Pratt & Whitney Additive Manufacturing Innovation Center
Project Daedalus - Air Force Advanced Manufacturing Initiative
Reverse Engineering Fabrication Inspection & Non-Destructive Evaluation (REFINE)
UConn-Thermo Fisher Scientific Center for Advanced Microscopy and Materials Analysis (CAMMA)
UTC Institute for Advanced Systems Engineering

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