

UConn Engineering

2023 Fact Sheet

www.engr.uconn.edu

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.

TOP 26

UConn Ranked #26 of Public Universities in the Nation

(U.S. News & World Report America's Best Colleges (2023))

\$800,000

Scholarship Funds Awarded to Over 255 Undergrad Students

\$1M

Over \$1 Million Dollars in DEI Scholarships

66%

66% of Our Graduates Stay in Connecticut with a Total of 85% Staying in the Northeast

3

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

SENIOR DESIGN PROGRAM

242

Project Teams

~121

Industry Sponsors

700+

Senior Students



The UConn School of Engineering is partnering with Anglo Educational Services (AES) to provide the Master of Engineering (MENG) in Data Science or Advanced Systems Engineering degrees for students across the world. Students will have the opportunity to study and intern in London and will follow the courses drawn from UConn's curriculum Master of Engineering with a concentration in Data Science or Advanced Systems Engineering.

OUR STUDENTS

Undergraduates	3541
Graduate Students	881

STUDENT CHARACTERISTICS

	UNDERGRAD	GRADUATE
Female	900	257
International	179	410

DEGREES CONFERRED 2023

Bachelors	767
Masters	132
Doctorate	64
MEng	51

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
Data Science & Engineering, BSE
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
Robotics Engineering, BSE

CENTER FOR ADVANCED ENGINEERING EDUCATION

MASTER OF ENGINEERING CONCENTRATIONS

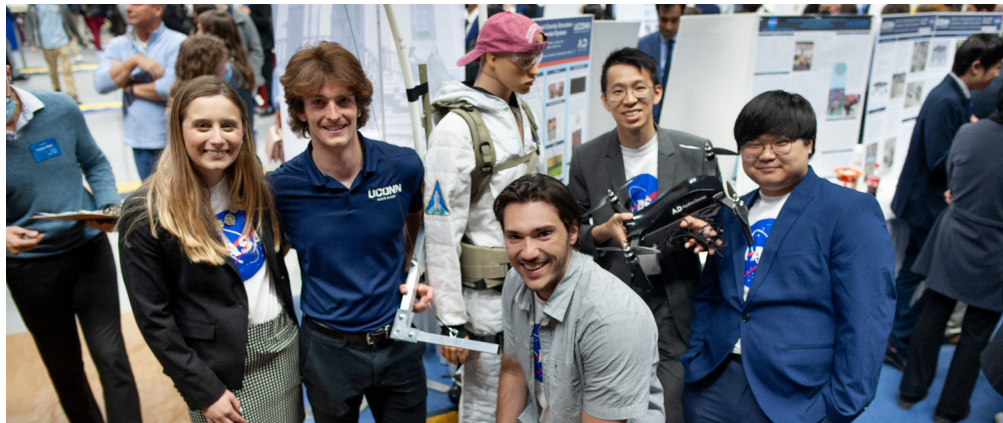
Advanced Manufacturing for Energy Systems
Advanced Systems Engineering
Biomedical Engineering
Chemical Engineering
Civil Engineering
Computer Science & Engineering
Data Science
Environmental Engineering
Electrical & Computer Engineering
General Engineering
MBA/MENG Dual Degree
Manufacturing Engineering
Materials Science and Engineering
Mechanical Engineering

ADVANCED ENGINEERING CERTIFICATES

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

NON-CREDIT PROGRAMS

Coding Boot Camp
Communication
CyberLeap
CyberSecurity Boot Camp
Customized Programs based on Faculty Expertise



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.

\$75M

**FY 23 Total
Research
Expenditures**

\$503K

**FY 23 Research
Expenditures
per Faculty**

489

**Proposals at
FY 23 \$273M**

18

**FY 23
Patents Issued**

FACULTY

148

**Tenured/Tenure
Track Faculty
Members**

45

**Endowed (18),
Named (7),
and Term
Professors (20)**

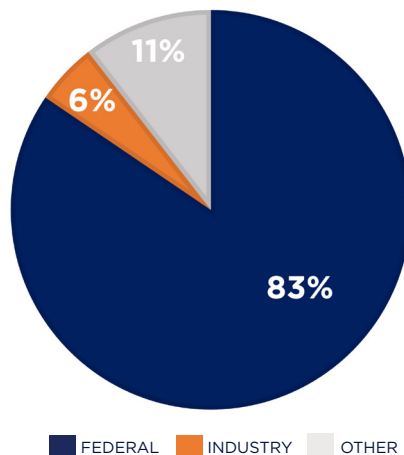
36

Teaching Faculty

4

**2023 NSF
CAREER
Recipients**

RESEARCH FUNDING



ECONOMIC IMPACT

40

**Startups Launched with SoE
Students and Faculty since 2017**

INDUSTRY ENGAGEMENT

~200

**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 Systems Center for
Advanced Materials
Connecticut Advanced Computing Center (C3)
Comcast Center of Excellence for
Security Innovation
Center for Hardware and Embedded Systems
Security and Trust (CHEST)
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 Advanced Pavement Lab (CAP Lab)
Connecticut Training and Technical
Assistance Center
Connecticut Transportation Safety
Research Center (CTSRC)
Enterprise Solution Center
Connecticut Manufacturing Simulation Center
(CMSC)
Quiet Corner Innovation Cluster (QCIC)
Proof of Concept Center (POCC)
Connecticut Manufacturing Resource Center
(CMRC)
Eversource Energy Center (EEC)
IN-siTu/Operando Electron Microscopy (InToEM)
National Institute for Undersea Vehicle
Technology (NIUVT)
Pratt & Whitney Additive
Manufacturing Innovation Center
Pratt & Whitney Institute for
Advanced Systems Engineering
Project Daedalus Air Force Research Laboratory
Research in Advanced Manufacturing
(AFRL-RAM)
Reverse Engineering Fabrication Inspection &
Non-Destructive Evaluation (REFINE)
UConn Thermo Fisher Scientific Center for
Advanced Microscopy and Materials Analysis
(CAMMA)

FOLLOWING IS A LIST OF UNIVERSITY CENTERS THAT DIRECTLY SUPPORT ENGINEERING EDUCATION AND RESEARCH

Engineering for Human Rights Initiative
Innovation Partnership Building/UConn Tech Park
Institute of Materials Science
Peter J. Werth Institute for Entrepreneurship
and Innovation