UCONN
COLLEGE OF ENGINEERING
2023-2024 FACT SHEET

ABOUT UCONN COLLEGE OF ENGINEERING

UConn College of 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.

QUICK FACTS

$1.3M

Scholarship Funds Awarded to Over 300 Undergraduate Students

67%

67% of Our Graduates Stay in Connecticut with a Total of 78% Staying in the Northeast

Dual Degrees

Engineering Experiential Education Dual Degree Programs with a Foreign Language: German, Spanish, and French

OUR STUDENTS

Undergraduates	3664
Graduate Students	930

STUDENT CHARACTERISTICS

	UNDERGRAD	GRADUATE
Female	959	254
International	200	416

DEGREES CONFERRED 2024

Bachelor	832
Master	145
Doctorate	84
Master of Engineering (M.Eng.)	70

SENIOR DESIGN 2024

Project Teams	220+
Industry Sponsors	100+
Senior Students	770+

DEAN

Ji-Cheng "JC" Zhao is the new College dean. Zhao was previously a department head for Materials Science and Engineering (MSE) and Clark Distinguished Chair Professor of the University of Maryland, College Park. His work in computational design of advanced alloys and coatings, and high-throughput materials science methodologies has established him as a distinguished figure in the field.

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, BS
Computer Science, BS
Computer Science & Engineering, BSE, MS, PhD
Data Science & Engineering, BS
Electrical Engineering, BSE, MS, PhD
Engineering Education, PhD
Engineering Physics, BSE
Environmental Engineering, BSE, MS, PhD
Management & Engineering for Manufacturing, BS
Materials Science & Engineering, BSE, MS, PhD
Mechanical Engineering, BSE, MS, PhD
Multidisciplinary Engineering, BSE
Robotics Engineering, BSE

CENTER FOR ADVANCED ENGINEERING EDUCATION DEGREES

MASTER OF ENGINEERING CONCENTRATIONS

Advanced Manufacturing for Energy Systems
Advanced Systems Engineering
Biomedical Engineering
Chemical Engineering
Civil Engineering
Computer Science & Engineering
Data Science
Digital Design and Manufacturing
Electrical & Computer Engineering
Environmental Engineering
Manufacturing Engineering
Materials Science and Engineering
Mechanical Engineering
Multidisciplinary Engineering

ADVANCED ENGINEERING CERTIFICATES

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

NON-CREDIT PROGRAMS

AI Bootcamp
Coding Boot Camp
CyberLeap
CyberSecurity Boot Camp
Customized Programs based on Faculty Expertise
Excellence in Engineering Communication

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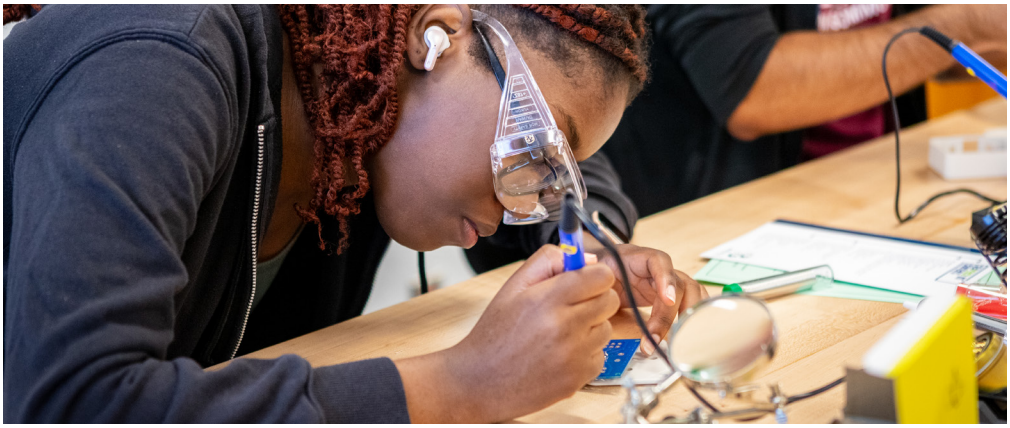
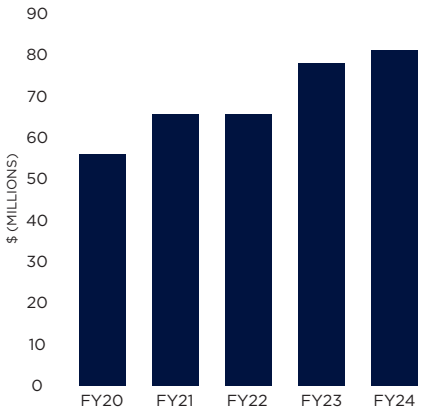


RESEARCH AND IMPACT

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.

QUICK FACTS

RESEARCH EXPENDITURES



$80M
FY 24 Total Research Expenditures

$519K
FY 24 Research Expenditures per Faculty

553
Proposals FY 23

18
FY 23 Patents Issued

219
New Awards for FY 23

541
Active Grants

ENGAGEMENT

250+
Companies Actively Collaborating with UConn Engineering Past Five Years

FACULTY

155
Tenured/Tenure Track Faculty Members

46
Endowed (19), Named (6), and Term Professors (21)

35
Teaching Faculty

2
2023 NSF CAREER Recipients

CENTERS AND INSTITUTES

Center for Biomedical and Bioengineering Innovation
Center for Clean Energy Engineering
Center for Hardware and Embedded Systems Security and Trust
Center for Materials Processing Data
Center for Science of Heterogeneous Additive Printing of 3D Materials
Center for Voting Technology Research
Collins Aerospace Systems Center for Advanced Materials
Comcast Center of Excellence for Security Innovation
Connecticut Advanced Computing Center
Connecticut Advanced Pavement Lab
Connecticut Center for Applied Separations Technology
Connecticut Manufacturing Resource Center
Connecticut Manufacturing Simulation Center
Connecticut Power Electronics Center of Excellence
Connecticut Training and Technical Assistance Center
Connecticut Transportation Institute
Connecticut Transportation Safety Research Center
Digital Design Research, Analysis, and Manufacturing Center
Enterprise Solution Center
Eversource Energy Center
IN-siTu/Operando Electron Microscopy
National Institute for Undersea Vehicle Technology
Nursing and Engineering Innovation Center
Pratt & Whitney Additive Manufacturing Innovation Center
Pratt & Whitney Institute for Advanced Systems Engineering
Project Daedalus Air Force Research Laboratory Research in Advanced Manufacturing
Reverse Engineering Fabrication Inspection & Non-Destructive Evaluation
Synchrony Financial Center of Excellence in Cybersecurity
UConn Thermo Fisher Scientific Center for Advanced Microscopy and Materials Analysis

FOLLOWING IS A LIST OF UNIVERSITY PARTNERS 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