ABOUT US

- Our degrees: Master’s (thesis and course-only options) and Ph.D. degrees in Civil Engineering with specialization in Structural Engineering
- Our students: participate in research, course work, and professional development opportunities to advance technical knowledge in areas of societal impact and accelerate future career growth
- Our faculty: renowned faculty with nationally recognized research and commitment to each student’s individual success
- Our research: in areas of societal impact related to the analysis, design, maintenance, preservation, and rehabilitation of civil structures
- Our courses: bridge engineering, structural mechanics and dynamics, advanced materials, hazard risk assessment, railroad engineering, and other subdisciplines allowing students the flexibility to tailor their curriculum based on individual interests and career objectives
- Our graduates: employed by top international, national, regional, and local consulting firms, government agencies, and academia

EXCEPTIONAL LEARNING OPPORTUNITIES

- Extensive coursework options taught by dedicated faculty to expand your knowledge of grand challenges spanning from developing novel, sustainable materials to implementing smart sensors for structural health monitoring
- Hands-on laboratory training and experimentation in first-class facilities
- State-of-the-art field testing equipment for analyzing real-world problems
- Practical experiences to implement transformative research used to advance society
- Close interactions with renowned faculty, industry partners and funding agencies that often lead to job opportunities after graduation

Learn more at ce.udel.edu
RESEARCH AREAS

BRIDGE ENGINEERING
Bridge Engineering is a core area of expertise of our faculty. The research programs are supported through our Center for Innovative Bridge Engineering (CIBrE), Delaware Center for Transportation (DCT), and Center for Composite Materials (CCM). Our research areas include analysis, design, maintenance, preservation, and rehabilitation of concrete and steel bridges, structural mechanics and dynamics, computational modeling, and structural health monitoring.

RESILIENT INFRASTRUCTURE
Our faculty participate in the world-renowned Disaster Research Center (DRC) at the University of Delaware and conduct research in natural disaster risk modeling and civil infrastructure systems.

SUSTAINABILITY
Civil infrastructure has a direct impact on the sustainability of the built environment. Recent research has focused on energy harvesting systems, low carbon cementitious materials, and reuse of structural materials.

ADVANCED MATERIALS
We have a long tradition in pioneering developments in construction materials. We have strong expertise in composites, advanced cementitious materials, specialty alloys, and advanced materials implementation in buildings and bridges.

TO APPLY
For information about graduate admission and to apply online, visit the Office of Graduate and Professional Education at www.udel.edu/gradoffice.

FUNDING
Competitive funding packages are awarded to Master’s and Ph.D. students who participate in research. Packages include full tuition waiver and competitive stipend. Contact the faculty in your area of interest to discuss potential research opportunities today!

ADMISSION DEADLINES
February 1: Deadline for fall admissions and consideration for graduate assistantship/fellowship
July 1: Final Deadline for Fall admissions
October 1: Deadline for spring admission only

CONTACT
Department of Civil and Environmental Engineering
301 DuPont Hall
Newark, DE 19716
Phone: 302-831-2442
Email: cee-info@udel.edu

Learn more at www.ce.udel.edu

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