Our interdisciplinary and collaborative programs forge next generation leaders who are developing effective solutions for tomorrow’s engineering challenges.

### Educational & Research Areas

#### Advanced Infrastructure Systems (AIS)
- Smart / Connected Cities
- Construction & Operations of Infrastructure Systems
- Information & Communications Technologies
- Building Energy Management
- Structural Monitoring

#### Environmental Engineering Sustainability & Science (EESS)
- Air and Water Quality
- Climate Change Infrastructure Adaptation
- Sustainable Design
- Remediation
- Industrial Ecology
- Energy and the Environment
- Environmental Nanotechnology

#### Mechanics, Materials and Computing (MMC)
- Modeling & Computer Simulation of Complex Physical Systems & Phenomena
- Practical Application of the Emergent Complex Behavior of Materials
- Design of New, Resilient Materials & Structures

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**2016 Rankings**
- Civil Engineering: 13th UG // 11th Grad
- Environmental Engr: 9th UG // 7th Grad

**2017 Rankings**
- Civil Engineering: 13th UG // 11th Grad
- Environmental Engr: 9th UG // 7th Grad

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**46%** of CEE’s students are women (National Average: 19%)

55% Undergrad Women
42% Graduate Women
2016 Academic Year

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**Educational & Research Areas**

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**Civil and Environmental Engineering**

- Education & Research Areas
- 2016 Rankings
- 2017 Rankings
- Student Diversity

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**Carnegie Mellon University**

- Civil and Environmental Engineering
- cmu.edu/cee/career

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**Michelle Couste (BS ‘15)**

- Project management for urban LEED-certified mixed-use project.
- bit.ly/couste-internship

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**Alejandro Gómez Rivera (MS ‘13)**

- Anacostia River Tunnel project for the District of Columbia Water and Sewer Authority.
- bit.ly/gomez-dc-water

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**cmu.edu/cee/career**