



COLUMBIA | ENGINEERING

The Fu Foundation School of Engineering and Applied Science



DEPARTMENT OF CIVIL ENGINEERING AND ENGINEERING MECHANICS

APPLICATION DEADLINES

Fall Admission

M.S.February 1st
 M.S. leading to Ph.D. December 15th
 Ph.D. December 15th

Spring Admission

M.S. October 1st
 M.S. leading to Ph.D. October 1st
 Ph.D. October 1st

“We at Columbia are molding a new class of civil engineers. Our students are taught by a world-renowned faculty whose research is at the forefront of new and emerging fields in civil engineering and engineering mechanics. Our students take full advantage of the fact that New York City is home to the headquarters of many of the largest civil engineering companies in the world, whose leaders teach design, construction and management courses in our civil engineering graduate degree programs.”

—Professor Raimondo Betti

Civil Engineering and Engineering Mechanics
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 New York, NY 10027

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 info@civil.columbia.edu

FOR MORE INFORMATION, VISIT:

civil.columbia.edu

CIVIL ENGINEERING

Students may focus on one of several areas or prepare for future endeavors such as architecture.

ELECTIVE SPECIALIZATIONS:

- Construction Engineering & Management
- Geotechnical Engineering
- Environmental Engineering and Water Resources
- Structural Engineering



ENGINEERING MECHANICS

Engineering mechanics offers comprehensive training in the principles of applied mathematics and continuum mechanics and in the application of these principles to the solution of engineering problems. The emphasis is on basic principles, enabling students to choose from among a wide range of technical areas such as:

- Continuum Mechanics
- Fluid Mechanics
- Random Processes and Reliability
- Vibrations

Our graduate programs include:

- Flexible curriculum requirements allowing students to explore various areas of interest within civil engineering and engineering mechanics
- Option to take courses from other departments/schools at Columbia
- Unique set of design-oriented courses given by leading civil engineering companies
- Research opportunities with our faculty
- Internship opportunities with leading civil engineering companies
- Interaction with alumni and other industry professionals
- Career development services and events
- Graduate student social events