

# DEPARTMENT OF CIVIL AND ENVIRONMENTAL ENGINEERING

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## Graduate

### Graduate Programs in Civil and Environmental Engineering

Graduate programs leading to the Master of Science (M.S.), Master of Engineering (M.E.), and Doctor of Philosophy (Ph.D.) degrees are offered. The graduate academic subdisciplines include agricultural water management, construction engineering and management (Ph.D. only), environmental engineering, geoengineering, hydraulic engineering and environmental fluid mechanics, hydrologic science and engineering, structural engineering and mechanics, water and international development, and water resources planning and management.

A practice-oriented, course-work only, Master of Engineering (M.E.) degree program is available to students with a baccalaureate degree in engineering. Individuals with undergraduate degrees in some science programs also are eligible for the M.E., but typically are required to complete background engineering courses at the undergraduate level in addition to the required courses for their graduate degree. M.E. tracks are offered in civil infrastructure engineering, environmental engineering, geoengineering, irrigation engineering, structural engineering, water and international development, and water resources engineering.

Students interested in graduate work should refer to the Graduate and Professional Bulletin (<https://catalog.colostate.edu/general-catalog/graduate-bulletin/>) or the Department of Civil and Environmental Engineering (<https://www.engr.colostate.edu/ce/>).

### Graduate Certificates

- Food-Energy-Water Systems (FEWS) (<https://catalog.colostate.edu/general-catalog/colleges/engineering/civil-environmental/graduate-certificate-food-energy-water-systems/>)
- Hydraulic Design (<https://catalog.colostate.edu/general-catalog/colleges/engineering/civil-environmental/graduate-certificate-hydraulic-engineering/>)
- Tailings Engineering (<https://catalog.colostate.edu/general-catalog/colleges/engineering/civil-environmental/graduate-certificate-tailings-engineering/>)

### Master's Programs

- Master of Science in Civil and Environmental Engineering, Plan A (<https://catalog.colostate.edu/general-catalog/colleges/engineering/civil-environmental/civil-and-environmental-engineering-ms-plan-a/>)
- Master of Science in Civil and Environmental Engineering, Plan B (<https://catalog.colostate.edu/general-catalog/colleges/engineering/civil-environmental/civil-and-environmental-engineering-ms-plan-b/>)
- Master of Engineering, Plan C, Civil and Environmental Engineering Specialization (<https://catalog.colostate.edu/general-catalog/colleges/engineering/civil-environmental/plan-c-me-civil-and-environmental-engineering-specialization/>)
- Master of Engineering, Plan C, Civil Engineering Specialization (<https://catalog.colostate.edu/general-catalog/colleges/engineering/civil-environmental/plan-c-me-civil-engineering-specialization/>) (*No*

*new students are being admitted into this Specialization. Please see the Civil and Environmental Specialization above)*

- A Bachelor-Master Accelerated Master's Program (AMP) is also available. Please see the department website for details. (<https://www.engr.colostate.edu/ce/amp/>)

### Ph.D.

- Ph.D. in Civil and Environmental Engineering (<https://catalog.colostate.edu/general-catalog/colleges/engineering/civil-environmental/civil-and-environmental-engineering-phd/>)