ENVIRONMENTAL ENGINEERING - MASTER OF SCIENCE (MS)

The Environmental Engineering Program focuses on the fundamental and applied understanding of the processes which govern natural and engineered systems. The program includes 22 primary faculty and covers such topics as drinking water, wastewater and water reuse treatment, ecosystem processes, fate and transport of organic contaminants, alternative energy, air quality, sustainability and environmental engineering for developing communities.

For more information, visit the program’s Curriculum and Courses (http://www.colorado.edu/even/prospective-students/graduate-studies/curriculum-and-courses) webpage.

Requirements

General Requirements

The following course requirements are subject to change; for the most current information, visit the department’s Curriculum and Courses (http://www.colorado.edu/even/prospective-students/graduate-studies/curriculum-and-courses) webpage.

Students must complete at least 30 credit hours, including:

- 6 credit hours in the environmental engineering and science core (CVEN 5464 and CVEN 5404 or CHEM 5151)
- 9–18 credit hours in an emphasis area
- 0–9 credit hours of elective courses

Elective courses will be determined in consultation with the student’s faculty advisor.

For students who have undertaken prior graduate study, up to 9 hours of relevant graduate-level course work may be transferred to meet the course requirements for the MS degree, following the rules established by the Graduate School for transfer credit.

Degree Plans

Requirements for the Master of Science in environmental engineering can be fulfilled in two ways.

Plan I: Thesis Option

In addition to the 24 credit hours of course work described above, candidates complete 6 credit hours of thesis credit, with the successful completion and defense of an MS thesis.

Plan II: Non-Thesis Option

In addition to the 24 credit hours of course work described above, candidates complete an additional 6 credit hours of elective courses or independent study.