Department of Civil Engineering

The department offers graduate study leading to Master of Science degrees in Civil Engineering or Environmental Engineering. The department also participates in the Doctor of Philosophy in Engineering degree program through the College of Engineering, specifically in the Civil Engineering, Applied Mechanics and Environmental Engineering options.

For the M.S. and Ph.D. degrees, major study is offered in various combinations of the subject areas of transportation engineering, geotechnical engineering, fluid mechanics, hydraulic and hydrologic engineering, structural engineering, engineering mechanics, and environmental engineering.

Admission

A bachelor's degree in a similar engineering field is normally required for admission to the graduate programs in the department, although graduates in the physical and life sciences may be accepted. In certain cases, students may be required to make up subject area deficiencies before being admitted to the graduate program. For more detailed information on applying, securing an advisor, financial assistance and more, please review the department website: http://www.montana.edu/ce/grad/.

Research Facilities

The research facilities of the department include well-equipped laboratories for bituminous materials, concrete, hydraulics and fluid mechanics, structures, stress analysis, computer analysis, photogrammetry, geotechnical engineering, and environmental engineering. Civil Engineering students also frequently utilize the research facilities of the Center for Biofilm Engineering (CBE), the Western Transportation Institute (WTI) and the Subzero Science and Engineering Laboratory (SSEL).

Graduate Programs

- M.S. in Civil Engineering (http://catalog.montana.edu/graduate/engineering/civil-engineering/ms-civil-engineering/)
- M.S. in Environmental Engineering (http://catalog.montana.edu/graduate/engineering/environmental-engineering/)
- M.S. in Land Rehabilitation (http://catalog.montana.edu/graduate/agriculture/land-resources-environmental-sciences/ms-land-rehabilitation/)
- Ph.D. in Engineering (http://catalog.montana.edu/graduate/engineering/engineering-phd/) (Options: Applied Mechanics, Environmental Engineering, Civil Engineering)