CIVIL ENGINEERING (M.S.)

Master of Science. Major in Civil Engineering.

An approved thesis is required for the Master of Science degree.

Course requirements in this degree program are relatively flexible, depending on student interest and course availability. Financial assistance is available on a competitive basis in the form of instructional or graduate research assistantships. Areas of specialty include the following:

• Environmental Engineering
• Geotechnical Engineering
• Hydraulics and Water Resources Engineering
• Ecohydraulics (in Boise only)
• Structural Engineering
• Transportation Engineering
• Highway and Pavement Materials

All admission requirements for the College of Graduate Studies apply. Applicants for admission generally will have a B.S. degree in civil engineering; however, those with B.S. degrees in other areas (e.g., other areas of engineering, mathematics, physics) are also eligible for admission.

Graduate degree applicants not holding B.S. degrees in civil engineering are required to show evidence of completing the following undergraduate coursework: mathematics through differential equations, and one semester each of chemistry, calculus-based physics and engineering statics. Once admitted, additional preparatory coursework will be determined by the student's advisory committee and/or as prerequisites to courses listed in the student's study plan. An approved thesis is required for the Master of Science degree.

Please see the Civil Engineering Graduate Student Handbook for details and program requirements on earning this degree.

1. The student will be able to conduct research and analyze and interpret results.
2. The student will be able to communicate professional work.
3. The student will be able to demonstrate knowledge of degree subject matter; integrate and build on foundation provided by relevant undergraduate degree.
4. The student will understand the responsibility to enhance the quality of life of the global community through the practice of civil engineering.