

CIVIL ENGINEERING, BS

ACCREDITATION

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Accredited by the Engineering Accreditation Commission of ABET (<https://www.abet.org/>), <https://www.abet.org>, under the commission's General Criteria and Program Criteria for Civil and Similarly Named Engineering Programs.

PROGRAM#EDUCATIONAL OBJECTIVES#FOR THE BACHELOR OF SCIENCE IN CIVIL ENGINEERING

We recognize that our graduates will choose to use the knowledge and skills that they have acquired during their undergraduate years to pursue a wide variety of career and life goals, and we encourage this diversity of paths. Whatever path our graduates may choose, we expect them to be meeting the following objectives at least three to five years after graduation:

1. Design and construct both natural and built processes and systems to efficiently meet determined needs using technical knowledge; modern tools; design principles; ethical practice; and communication, leadership, and team skills.
2. Utilize measurement and analysis tools along with experimental data in investigating natural and built systems.
3. Understand and incorporate economic, environmental, political, social, safety and global considerations in design, investigation and construction of natural and built systems.
4. Engage in lifelong learning to keep pace with the continuous evolution of policies, procedures, technologies and tools for engineering analysis, design, and decision making.
5. Serve others through participation in professional and/or civic activities and responsibilities.

Note: Undergraduate Student Outcomes, number of degrees conferred, and enrollment data are made publicly available at the Civil Engineering#Undergraduate Program website (<https://engineering.wisc.edu/programs/degrees/civil-engineering-bs/>). (In this Guide, the program's Student Outcomes are available through the "Learning Outcomes" tab.)