

# Engineering

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UW-Green Bay provides solid preparation and numerous opportunities for those interested in beginning work toward an engineering degree.

The University has a cooperative program (the NEW Program) providing for direct, upper-level transfer into the College of Engineering and Applied Sciences at UW-Milwaukee. The two institutions also collaborate on a 3+2 dual degree program in which a student can earn two bachelor's degrees over five years of study: a bachelor's in Environmental Science from UW-Green Bay and a bachelor's in civil/environmental engineering from UW-Milwaukee. In addition to these options with UW-Milwaukee, a student at UW-Green Bay can also pursue pre-professional studies with the intent of transferring into engineering programs at other institutions, with several listed below.

Required engineering courses will vary, depending on the engineering program from which a student expects to earn the degree. Generally, a student spends a minimum of two years in engineering studies at UW-Green Bay before transferring to the professional engineering school. Required coursework is typically drawn from mathematics, physics, chemistry, engineering materials, engineering mechanics and other related courses, as well as liberal arts coursework in the humanities, fine arts and social sciences.

Students should expect rigorous requirements and competitive entry for engineering programs. Students should also seek early advice from the various engineering programs and UW-Green Bay's Academic Advising Office.

UW-Milwaukee offers engineering degrees in civil/environmental engineering and mechanics, electrical, industrial and manufacturing, materials and mechanical engineering. Information on each of the majors can be found on the UW-Milwaukee website at [www.uwm.edu/CEAS/](http://www.uwm.edu/CEAS/) (<http://www.uwm.edu/CEAS/>).

At least three other UW System institutions grant engineering degrees. They offer courses leading to the degrees both at their home campuses and several satellite sites. The universities are:

- UW-Madison – degrees in agricultural, biomedical, biological systems, chemical, civil, computer, electrical, geological, industrial, materials science, mechanical and nuclear engineering, and engineering mechanics.
- UW-Platteville – degrees in civil, electrical, environmental, mechanical, industrial, software engineering, general engineering and engineering physics.
- UW-Stout – degrees in manufacturing engineering. The manufacturing engineering degree is accessible to Northeastern Wisconsin students through a partnership involving UW-Green Bay and Northeast Wisconsin Technical College.

Advisers from engineering schools annually visit UW-Green Bay to answer questions and advise prospective students. For additional information on the NEW Program and Dual Degree Program with UW-Milwaukee, refer to the Engineering listing in this catalog.