



COLLEGE OF ENGINEERING

Civil and Environmental Engineering

UMaine's ADVANTAGE

- Active and engaged students
- Approachable faculty
- World-class facilities
- Opportunities for research and fieldwork
- Close ties with professionals can lead to numerous internship opportunities

WHY CIVIL AND ENVIRONMENTAL ENGINEERING?

Civil and environmental engineering are among the most diverse disciplines. There's truly something for everyone — whether you're interested in working in management or in the field, in a government agency or private industry, in a large company or your own one-person consulting firm. Civil engineering is considered the oldest of the engineering professions, and today both civil and environmental engineers solve some of the most pressing problems of our time.

WHY STUDY CIVIL AND ENVIRONMENTAL ENGINEERING AT UMAINE?

At UMaine, engineering classes are small. UMaine's College of Engineering offers a five-year B.S.–M.B.A. degree with the Maine Business School, as well as a minor in engineering leadership and management. We offer state-of-the-art teaching and research facilities. Undergraduates have the opportunity to do meaningful research alongside faculty. Professors, not graduate students, teach classes. We have a high placement rate in top graduate programs. UMaine's Foster Center for Student Innovation offers courses in innovation engineering. UMaine also is home to one of the country's oldest honors programs.

Civil and environmental engineering faculty and students at UMaine have received numerous university and national awards for teaching, research and community service, including three Carnegie Foundation Maine State Professors of the Year.

ABOUT THE PROGRAM

UMaine's civil and environmental engineering curriculum requires proficiency in five areas: environmental, transportation, structures, water resources and geotechnical

engineering. Students follow a rigorous program in mathematics, physics, general chemistry and engineering sciences, such as statics, strength of materials and fluid mechanics. Because civil and environmental engineering is a social profession, our graduates may also be faced with economic, ethical, political, social and legal issues. Human values and social context courses are a required part of the curriculum.

WHAT CAN I DO WITH A DEGREE IN CIVIL AND ENVIRONMENTAL ENGINEERING?

Our program trains students for success in a professional setting, and many graduates work in the public and private sector or as consultants in the field. Civil and environmental engineers design facilities, develop plans and specifications, manage and inspect construction projects and coordinate the work of other professionals. We address issues with transportation, water resources and structural integrity.

Because the subject matter is diverse, students can do anything with a foundation in civil engineering. Lawrence Bender, the Academy Award-winning producer of "An Inconvenient Truth" and many of Quentin Tarantino's films, is a civil engineering alumnus.

INTERNSHIPS AND CO-OPS

In recent years, students have participated in internships and co-ops for course credit.

RESEARCH OPPORTUNITIES

As undergraduates, our students have the opportunity to work on groundbreaking research in UMaine's renowned Advanced Structures and Composites Center. Many students also work side-by-side with faculty members on geotechnical engineering and environmental and structural research.

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To apply: umaine.edu



ABOUT UMAINE

The University of Maine, founded in Orono in 1865, is the state's premier public university. It is among the most comprehensive higher education institutions in the Northeast and attracts students from across the U.S. and more than 60 countries. It currently enrolls more than 11,000 total undergraduate and graduate students. UMaine students directly participate in groundbreaking research working with world-class scholars. The University of Maine offers doctoral degrees in 30 fields, representing the humanities, sciences, engineering and education; master's degrees in 85 disciplines; 90 undergraduate majors and academic programs; and one of the oldest and most prestigious honors programs in the U.S. The university promotes environmental stewardship on its campus, with substantial efforts aimed at conserving energy, recycling and adhering to green building standards in new construction. For more information about UMaine, visit umaine.edu.



Restoration of a covered bridge.

Students gain hands-on experience in UMaine's award-winning concrete canoe and steel bridge teams.

PaCEsetter Scholarships funded by UMaine's Civil Engineering Association. The program provides up to \$2,000 annually for two years.

SCHOLARSHIPS

We have many departmental scholarships available to undergraduate students, ranging from \$100 to \$4,000. Outstanding high school seniors are eligible for one of eight

HOW DO I APPLY?

Visit umaine.edu for an application, as well as information about academics and life at UMaine.

explore

*Bachelor of Science in
Civil Engineering*

*Minors in
Construction Management
and Technology*

Renewable Energy

*Engineering Leadership and
Management*

*Master of Science in
Civil Engineering*

*Ph.D. in
Civil Engineering*



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