CIVIL AND ENVIRONMENTAL ENGINEERING: ENVIRONMENTAL ENGINEERING, M.ENG.

This is a named option in the Civil and Environmental Engineering M.Eng (http://guide.wisc.edu/graduate/civil-environmental-engineering/civil-environmental-engineering-meng/#text).

The M.Eng. named option in Environmental Engineering is a fully online degree that includes a full curriculum of courses incorporating the latest research and practices in water supply, wastewater reclamation and reuse, resource recovery, and urban storm water management. The M.Eng. degree has been developed to give the practicing environmental engineer and scientist the skills needed to meet contemporary and future challenges. For more information about the online M.Eng. degree, see the program website (https://www.engr.wisc.edu/department/civil-environmental-engineering/academics/master-engineering-civil-environmental-engineering-2/).

ADMISSIONS

Please consult the table below for key information about this degree program’s admissions requirements. The program may have more detailed admissions requirements, which can be found below the table or on the program’s website. Graduate admissions is a two-step process between academic programs and the Graduate School. Applicants must meet the minimum requirements (https://grad.wisc.edu/apply/requirements/ of the Graduate School as well as the program(s).

Once you have researched the graduate program(s) you are interested in, see the program website (https://grad.wisc.edu/apply/). A complete graduate application is required before an application will be considered for admission. In addition, applicants must also meet the department’s more stringent admission requirements listed below to be considered for admission:

- Grades: A minimum undergraduate grade point average (GPA) of 3.00 (on a 4.00 scale) on the equivalent of the last 60 semester hours (approximately two years of work) is required for domestic applicants. A strong academic performance comparable to an average of B or above grades for all undergraduate course work is required for international applicants.
- On a case by case basis the admissions committee may consider an applicant with a GPA lower than 3.0 for applicants with exceptional circumstances, if supported by a strong career track and references.
- Degree: A bachelor’s degree from an ABET-accredited engineering program or from a recognized international institution is required.
- On a case by case basis the admissions committee may consider an applicant with a non ABET-accredited B.S. degree depending on the applicant’s academic record.

A complete graduate application is required before an application will be reviewed by the faculty. A complete graduate application contains the following:

- Graduate School Application Form and application fee: Applicants must submit an online application to the UW–Madison Graduate School. See Graduate School Admissions (http://grad.wisc.edu/admissions/requirements/) to apply.
- Statement of purpose: A statement of purpose for graduate study must be submitted through an applicant’s online UW–Madison Graduate School application. Please limit this important document to 1,000 words.
- Letters of recommendation: Three letters of recommendation must be submitted through an applicant’s online UW–Madison Graduate School application.
- Transcripts: Upload the most recent copies of your transcripts to the electronic application, from each institution attended. Study abroad transcripts are not required if coursework is reflected on the degree granting university’s transcript. If the application is recommended for admission then we will follow-up with instructions for official transcript submission. International academic records must be in the original language accompanied by an official English translation. Documents must be issued by the institution with the official seal/stamp and an official signature.
- English proficiency scores: Applicants whose native language is not English, or whose undergraduate instruction was not in English must provide an English proficiency test score. Scores are accepted if they are within two years of the start of the admission term. See Graduate School Admission Requirements (http://grad.wisc.edu/admissions/requirements/) for more information on the English proficiency requirement.

Students interested in pursuing the online M.Eng. degree must follow the steps to apply found on the program website (https://epd.wisc.edu/online-degree/environmental-engineering/#/apply).

FUNDING

GRADUATE SCHOOL RESOURCES

Resources to help you afford graduate study might include assistantships, fellowships, traineeships, and financial aid. Further
funding information (https://grad.wisc.edu/funding/) is available from the Graduate School. Be sure to check with your program for individual policies and restrictions related to funding.

**PROGRAM RESOURCES**

No financial support from the university is available to students in the online Civil and Environmental M.Eng. at this time.

**REQUIREMENTS**

**MINIMUM GRADUATE SCHOOL REQUIREMENTS**

Review the Graduate School minimum academic progress and degree requirements (http://guide.wisc.edu/graduate/#policiesandrequirementstext), in addition to the program requirements listed below.

**NAMED OPTION REQUIREMENTS**

**MODE OF INSTRUCTION**

<table>
<thead>
<tr>
<th>Face to Face</th>
<th>Evening/Weekend</th>
<th>Online</th>
<th>Hybrid</th>
<th>Accelerated</th>
</tr>
</thead>
<tbody>
<tr>
<td>No</td>
<td>No</td>
<td>Yes</td>
<td>No</td>
<td>No</td>
</tr>
</tbody>
</table>

Mode of Instruction Definitions

- **Evening/Weekend:** These programs are offered in an evening and/or weekend format to accommodate working schedules. Enjoy the advantages of on-campus courses and personal connections, while keeping your day job. For more information about the meeting schedule of a specific program, contact the program.
- **Online:** These programs are offered primarily online. Many available online programs can be completed almost entirely online with all online programs offering at least 50 percent or more of the program work online. Some online programs have an on-campus component that is often designed to accommodate working schedules. Take advantage of the convenience of online learning while participating in a rich, interactive learning environment. For more information about the online nature of a specific program, contact the program.
- **Hybrid:** These programs have innovative curricula that combine on-campus and online formats. Most hybrid programs are completed on-campus with a partial or completely online semester. For more information about the hybrid schedule of a specific program, contact the program.
- **Accelerated:** These on-campus programs are offered in an accelerated format that allows you to complete your program in a condensed time-frame. Enjoy the advantages of on-campus courses with minimal disruption to your career. For more information about the accelerated nature of a specific program, contact the program.

**CURRICULAR REQUIREMENTS**

Requirements Detail

<table>
<thead>
<tr>
<th>Minimum Graduate Coursework Requirement</th>
<th>At least 50% of credits applied toward the graduate degree credit requirement must be completed in graduate-level coursework; courses with the Graduate Level Coursework attribute are identified and searchable in the university's Course Guide.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Overall Graduate GPA Requirement</td>
<td>3.00 GPA required.</td>
</tr>
<tr>
<td>Other Grade Requirements</td>
<td>The Graduate School requires an average grade of B or better in all coursework (300 or above, not including research credits) taken as a graduate student unless conditions for probationary status require higher grades. Grades of Incomplete are considered to be unsatisfactory if they are not removed during the next enrolled semester.</td>
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</tbody>
</table>

Assessments and Examinations

- Contact the program for information on required assessments and examinations.

Language

- Contact the program for information on any language Requirements.

**REQUIRED COURSES**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIV ENGR 820</td>
<td>Hydraulics and Applied Fluid Mechanics for Environmental Engineers</td>
<td>3</td>
</tr>
<tr>
<td>CIV ENGR 823</td>
<td>Environmental Engineering Design Project</td>
<td>3</td>
</tr>
<tr>
<td>CIV ENGR 929</td>
<td>Seminar-Environmental Engineering</td>
<td>1</td>
</tr>
<tr>
<td><strong>Take at least two of the following three courses</strong></td>
<td><strong>6-9</strong></td>
<td></td>
</tr>
<tr>
<td>CIV ENGR 721</td>
<td>Biological Principles of Environmental Engineering</td>
<td></td>
</tr>
<tr>
<td>CIV ENGR 722</td>
<td>Chemical Principles of Environmental Engineering</td>
<td></td>
</tr>
<tr>
<td>CIV ENGR 723</td>
<td>Energy Principles of Environmental Engineering</td>
<td></td>
</tr>
<tr>
<td><strong>Take at least one of the following two courses</strong></td>
<td><strong>3-6</strong></td>
<td></td>
</tr>
<tr>
<td>CIV ENGR 821</td>
<td>Environmental Engineering: Biological Treatment Processes</td>
<td></td>
</tr>
<tr>
<td>CIV ENGR 822</td>
<td>Environmental Engineering: Physical/Chemical Treatment Process</td>
<td></td>
</tr>
</tbody>
</table>

Electives

- Other courses may be applicable with faculty advisor approval

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIV ENGR 320</td>
<td>Environmental Engineering</td>
<td>3</td>
</tr>
<tr>
<td>CIV ENGR 414</td>
<td>Hydrologic Design</td>
<td>3</td>
</tr>
<tr>
<td>CIV ENGR 426</td>
<td>Design of Wastewater Treatment Plants</td>
<td>3</td>
</tr>
<tr>
<td>CIV ENGR 427</td>
<td>Solid and Hazardous Wastes Engineering</td>
<td>3</td>
</tr>
<tr>
<td>CIV ENGR 428</td>
<td>Water Treatment Plant Design</td>
<td>3</td>
</tr>
<tr>
<td>CIV ENGR 522</td>
<td>Hazardous Waste Management</td>
<td>3</td>
</tr>
<tr>
<td>CIV ENGR 629</td>
<td>Special Topics in Environmental Engineering</td>
<td>1-3</td>
</tr>
<tr>
<td>CIV ENGR 699</td>
<td>Independent Study</td>
<td>1-6</td>
</tr>
</tbody>
</table>
from the major department responsible for providing advice regarding
ggraduate studies.

A committee often accomplishes advising for the students in the early
stages of their studies.

**CREDITS PER TERM ALLOWED**

15 credits

**TIME CONSTRAINTS**

Master’s degree students who have been absent for five or more
consecutive years lose all credits that they have earned before their
absence. Individual programs may count the coursework students
completed prior to their absence for meeting program requirements; that
coursework may not count toward Graduate School credit requirements.

**GRIEVANCES AND APPEALS**

These resources may be helpful in addressing your concerns:

- Bias or Hate Reporting (https://doso.students.wisc.edu/bias-or-hate-
  reporting/)
- Graduate Assistantship Policies and Procedures (https://hr.wisc.edu/
policies/gapp/#grievance-procedure)
- Hostile and Intimidating Behavior Policies and Procedures (https://
  hr.wisc.edu/hib/)
  - Office of the Provost for Faculty and Staff Affairs (https://
    facstaff.provost.wisc.edu/)
  - Dean of Students Office (https://doso.students.wisc.edu/) (for all
    students to seek grievance assistance and support)
  - Employee Assistance (http://www.eao.wisc.edu/) (for personal
    counseling and workplace consultation around communication and
    conflict involving graduate assistants and other employees, post-
    doctoral students, faculty and staff)
  - Employee Disability Resource Office (https://
    employeedisabilities.wisc.edu/) (for qualified employees or
    applicants with disabilities to have equal employment opportunities)
  - Graduate School (https://grad.wisc.edu/) (for informal advice at any
    level of review and for official appeals of program/departmental or
    school/college grievance decisions)
  - Office of Compliance (https://compliance.wisc.edu/) (for class
    harassment and discrimination, including sexual harassment and
    sexual violence)
  - Office of Student Conduct and Community Standards (https://
    conduct.students.wisc.edu/) (for conflicts involving students)
  - Ombuds Office for Faculty and Staff (http://www.ombuds.wisc.edu/
    for employed graduate students and post-docs, as well as faculty
    and staff)
  - Title IX (https://compliance.wisc.edu/titleix/) (for concerns about
discrimination)

**CEE Grievance Procedures**

Students who feel that they have been treated unfairly have the right to a
prompt hearing of their grievance. Such complaints may involve course
grades, classroom treatment, advising, various forms of harassment, or
other issues. Any student or potential student may use these procedures.

- The student should speak first with the person toward whom the
grievance is directed. In most cases, grievances can be resolved at this
  level.
• Should a satisfactory resolution not be achieved, the student should contact the program’s Grievance Advisor to discuss the grievance. Currently, the CEE Grievance Advisors are:

Christina Remucal, Professor and Associate Chair for Graduate Programs remucal@wisc.edu 141 WSEL Phone: (608) 262-1820

William Likos, Professor and CEE Department Chair likos@wisc.edu 2205 Engineering Hall Phone: (608) 890-2662

If the student prefers to talk with someone outside of the CEE department, contact:

Chris Brace, Assistant Dean

The Assistant Dean for Graduate Affairs (engr-dean-graduateaffairs@engr.wisc.edu) provides overall leadership for graduate education in the College of Engineering (CoE), and is a point of contact for graduate students who have concerns about education, mentoring, research, or other difficulties.

• The Grievance Advisor is responsible for facilitating any complaints or issues of students. The Grievance Advisor first attempts to help students informally address the grievance prior to any formal complaint. Students are also encouraged to talk with their faculty advisors regarding concerns or difficulties if necessary. University resources for sexual harassment concerns can be found on the UW Office of Compliance website and are included in the next section.

• If the issue is not resolved to the student’s satisfaction the student can submit the grievance to the Grievance Advisor in writing, within 60 calendar days of the alleged unfair treatment.

• On receipt of a written complaint, a faculty committee will be convened by the Grievance Advisor to manage the grievance. The program faculty committee will obtain a written response from the person toward whom the complaint is directed. This response will be shared with the person filing the grievance.

• The faculty committee will determine a decision regarding the grievance. The Grievance Advisor will report on the action taken by the committee in writing to both the student and the party toward whom the complaint was directed within 15 working days from the date the complaint was received.

• At this point, if either party (the student or the party toward whom the grievance is directed) is unsatisfied with the decision of the faculty committee, the party may file a written appeal. Either party has 10 working days to file a written appeal to the College.

• Documentation of the grievance will be stored for at least 7 years. Significant grievances that set a precedent will be stored indefinitely.

The Graduate School has established policies governing student conduct, academic dishonesty, and sexual and racial harassment. The Graduate School also has procedures for students wishing to appeal a grievance decision made at the college level. These policies are described in the Academic Guidelines.