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, apply online (https://grad.wisc.edu/apply). A complete graduate application is required before an application will be considered for admission:

- **Fall Deadline**: July 15
- **Spring Deadline**: November 15
- **Summer Deadline**: March 15
- **GRE (Graduate Record Examinations)**: Not required.
- **English Proficiency Test**: Every applicant whose native language is not English or whose undergraduate instruction was not in English must provide an English proficiency test score and meet the Graduate School minimum requirements (https://grad.wisc.edu/apply/requirements/english-proficiency).
- **Other Test(s)** (e.g., GMAT, MCAT): n/a
- **Letters of Recommendation**: 3

All applicants must meet the Graduate School's admission requirements (http://grad.wisc.edu/admissions/requirements) to be considered for admission. The application deadline is November 15 for the spring term, March 15 for the summer term, and July 15 for the fall term.

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 coursework is required for international applicants.
- **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**: One official transcript from each institution you have attended must be sent to the department directly. 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

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 processes 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

CURRICULAR REQUIREMENTS

Overall Graduate GPA Requirement
3.00 GPA required.

Other Grade Requirements 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.

Assessments and Examinations Contact the program for information on required assessments and examinations.

Language Contact the program for information on any language Requirements requirements.

REQUIRED COURSES

Core Courses

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIV ENGR 721</td>
<td>Biological Principles of Environmental Engineering</td>
<td>3</td>
</tr>
<tr>
<td>CIV ENGR 722</td>
<td>Chemical Principles of Environmental Engineering</td>
<td>3</td>
</tr>
<tr>
<td>CIV ENGR 723</td>
<td>Energy Principles of Environmental Engineering</td>
<td>3</td>
</tr>
<tr>
<td>CIV ENGR 820</td>
<td>Hydraulics and Applied Fluid Mechanics for Environmental Engineers</td>
<td>3</td>
</tr>
<tr>
<td>CIV ENGR 821</td>
<td>Environmental Engineering: Biological Treatment Processes</td>
<td>3</td>
</tr>
<tr>
<td>CIV ENGR 822</td>
<td>Environmental Engineering: Physical/Chemical Treatment Process</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>
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</tbody>
</table>

Electives

<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>1-9</td>
</tr>
<tr>
<td>E P D 690</td>
<td>Special Topics in Engineering Professional Development</td>
<td>1-3</td>
</tr>
<tr>
<td>E P D 701</td>
<td>Writing for Professionals</td>
<td>1</td>
</tr>
<tr>
<td>E P D 702</td>
<td>Professional Presentations</td>
<td>1</td>
</tr>
<tr>
<td>E P D 708</td>
<td>Creating Breakthrough Innovations</td>
<td>1</td>
</tr>
<tr>
<td>E P D 713</td>
<td>Key Legal Concepts for Professionals</td>
<td>1</td>
</tr>
<tr>
<td>E P D/GEN BUS/ M H R 785</td>
<td>Effective Negotiation Strategies</td>
<td>1</td>
</tr>
</tbody>
</table>
POLICIES

GRADUATE SCHOOL POLICIES

The Graduate School’s Academic Policies and Procedures (https://grad.wisc.edu/acadpolicy) provide essential information regarding general university policies. Program authority to set degree policies beyond the minimum required by the Graduate School lies with the degree program faculty. Policies set by the academic degree program can be found below.

NAMED OPTION-SPECIFIC POLICIES

GRADUATE PROGRAM HANDBOOK

The Graduate Program Handbook (https://www.engr.wisc.edu/app/uploads/2018/10/CEEGraduateStudentHandbook102018.pdf) is the repository for all of the program’s policies and requirements.

PRIOR COURSEWORK

Graduate Work from Other Institutions

With program approval, students are allowed to count no more than 14 credits of graduate coursework from other institutions. Approved credits will be allowed to count toward the minimum graduate degree credit requirement and the minimum graduate coursework requirement, but will not count toward the minimum graduate residence credit requirement. Coursework earned five or more years prior to admission to a master’s degree is not allowed to satisfy requirements.

UW–Madison Undergraduate

With program approval, no more than 7 credits of coursework numbered 300 or higher from a UW–Madison undergraduate degree are allowed to count only toward the minimum graduate degree credit requirement. Coursework earned five or more years prior to admission to a master’s degree is not allowed to satisfy requirements.

UW–Madison University Special

With program approval students are allowed to count no more than 9 credits of coursework numbered 300 or above taken as a UW–Madison special student. Coursework earned five or more years prior to admission to a master’s degree is not allowed to satisfy requirements.

PROBATION

The Graduate School regularly reviews the record of any student who earned grades of BC, C, D, F, or Incomplete in a graduate course (300 or above), or grade of U in research credits. This review could result in academic probation with a hold on future enrollment or in being suspended from the Graduate School.

ADVISOR / COMMITTEE

Every graduate student is required to have an advisor. To ensure that students are making satisfactory progress toward a degree, the Graduate School expects them to meet with their advisor on a regular basis.

In many cases, an advisor is assigned to incoming students. Students can be suspended from the Graduate School if they do not have an advisor. An advisor is a faculty member, or sometimes a committee, from the major department responsible for providing advice regarding graduate 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.

OTHER

n/a

PROFESSIONAL DEVELOPMENT

GRADUATE SCHOOL RESOURCES

Take advantage of the Graduate School’s professional development resources (https://grad.wisc.edu/pd) to build skills, thrive academically, and launch your career.

PEOPLE

Civil and Environmental Engineering Faculty: Professors Noyce (chair), Adams, Bahia, Cramer, Hanna, Harrington, Hurley, Likos, Loheide, McMahon, Noguera, Park, Parra-Montesinos, Ran, Russell, Schauer, Wu; Associate Professors Ahn, Block, Fratta, Pincheira, Remucal, Tinjum; Assistant Professors Blum, Gadikota, Ginder-Vogel, Hampton, Hicks, Prabhakar, Pujara, Sone, Wang, Wright, Zhu. M.Eng Program Director Carlson. See also CEE faculty (http://directory.engr.wisc.edu/cee/faculty).

Geological Engineering Faculty: Professors Likos (director) (Civil and Environmental Engineering), Feigl (Geoscience), Goodwin (Geoscience), Holloway (Nelson Institute), Loheide (Civil and Environmental Engineering), Thurber (Geoscience), Tikoff (Geoscience), Wu (Civil and Environmental Engineering); Associate Professors Cardiff (Geoscience), Fratta (Civil and Environmental Engineering), Tinjum (Civil and Environmental Engineering); Assistant Professors Gadikota (Civil and Environmental Engineering), Ginder-Vogel (Civil and Environmental Engineering), Hampton (Civil and Environmental Engineering), Hicks (Civil and Environmental Engineering), Sone (Civil and Environmental Engineering), Zoet (Geoscience); Professor of Practice Pakes (Grainger). See also GLE faculty (https://www.engr.wisc.edu/geological-engineering/people).

Environmental Chemistry and Technology: Professors Hurley (director) (Civil and Environmental Engineering), Bleam (Soil Science), Harrington (Civil and Environmental Engineering), Karthikeyan (Biological Systems Engineering), McMahon (Civil and Environmental Engineering), Mcmahon (Civil and Environmental Engineering/Bacteriology), Pedersen (Soil Science), Roden (Geoscience), Root (Chemical and Biological Engineering), Schauer (Civil and Environmental Engineering), Thompson (Biological Systems Engineering); Associate Professors Bertram (Chemistry), Remucal (Civil and Environmental Engineering).
Assistant Professors Anantharaman (Bacteriology), Ginder-Vogel (Civil and Environmental Engineering), Gadikota (Civil and Environmental Engineering), Whitman (Soil Science). See also ECT Faculty (https://www.engr.wisc.edu/academics/graduate-academics/environmental-chemistry-technology).