

# MASTER OF ENGINEERING IN THE FIELD OF CONSTRUCTION ENGINEERING

GW's Department of Civil and Environmental Engineering offers the master of engineering (MEng) in construction engineering. The program helps students approach, evaluate and devise solutions to some of the largest problems facing modern infrastructure and the environment today. This program provides students with the knowledge of main trends and technological innovations in the modern construction industry through coursework and interaction with prominent industry leaders. The curriculum is designed to reflect the most up-to-date knowledge in the areas of planning, financing, procuring, constructing, and managing constructed facilities. Upon completion of the program, graduates can expect to have the knowledge and skills needed to be construction engineering experts, locally and nationally.

See the School of Engineering and Applied Science (<https://www.seas.gwu.edu/graduate-programs/>) website for additional information.

## ADMISSIONS

Admission deadlines: Fall – January 15

Spring – September 1

Summer - March 1 (non-F1 visa seeking applicants)

Standardized test scores: There is no GRE Requirement for this program.

The Test of English as a Foreign Language (TOEFL), the Academic International English Language Testing System (IELTS), or the PTE Academic is required of all applicants except those who hold a bachelor's, master's, or doctoral degree from a college or university in the United States or from an institution located in a country in which English is the official language, provided English was the language of instruction. Minimum scores:

- Academic IELTS: an overall band score of 6.0 with no individual score below 5.0; applicants requesting funding consideration must have an overall band score of 7.0 with no individual score below 6.0; or

- TOEFL: 550 on paper-based or 80 on Internet-based; applicants requesting funding consideration must have 600 on paper-based; or 100 on Internet-based; or

- PTE Academic: 53; applicants requesting funding consideration must have 68.

Recommendations: (2) recommendations required for all applicants.

required:

**Prior academic records:** Transcripts are required from all colleges and universities attended, whether or not credit was earned, the program was completed, or the credit appears as transfer credit on another transcript. Unofficial transcripts from all colleges and universities attended must be uploaded to your online application. Official transcripts are required only of applicants who are offered admission.

If academic records are in a language other than English, a copy in the original language and an English language translation must be uploaded. Transcript evaluations should not be uploaded. Applicants who have earned a degree from an Indian university are required to submit individual semester marksheets.

**Statement of purpose:** In an essay of 250 to 500 words, state your purpose in undertaking graduate study at The George Washington University; describe your academic objectives, research interests, and career plans; and discuss your related qualifications, including collegiate, professional, and community activities, and any other substantial accomplishments not already mentioned.

**Additional requirements:** Bachelor's degree with a GPA of at least 3.0 on a 4.0 scale.

**International applicants only:** Please follow this link - <https://graduate.admissions.gwu.edu/international-student-application-requirements> (<https://graduate.admissions.gwu.edu/international-student-application-requirements/>) - to review the International Applicant Information carefully for details on required documents, earlier deadlines for applicants requiring an I-20 or DS-2019 from GW.

For additional information about the admissions process visit the SEAS Admissions Frequently Asked Questions (<https://graduate.engineering.gwu.edu/admissions-frequently-asked-questions/>) page.

Contact for questions:

[engineering@gwu.edu](mailto:engineering@gwu.edu)

202-994-1802 (phone)

202-994-1651 (fax)

Hours: 9:00 am to 5:00 pm, Monday through Friday

## REQUIREMENTS

Code	Title	Credits
<b>Required</b>		
Eight courses (24 credits) from the following:		
CE 6111	Project Management For Construction	
CE 6112	Construction Project Acquisition	

CE 6113	Construction Contracts, Insurance, and Bonds
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CE 6114	Construction Methods, Materials, Equipment, and Systems
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CE 6115	Project Planning and Scheduling
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CE 6116	Green Building Design and Construction
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CE 6117	Construction Finance and Engineering Economics
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CE 6118	Advanced Construction and Computer-Aided Design
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CE 6119	Construction Safety And Quality Control
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CE 6121	Construction Project Control
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### **Electives**

6 credits in elective courses, which may be in other SEAS departments with the advisor's approval.