

University of Illinois at Urbana-Champaign Railroad Engineering Certificate

Program Description

The certificate program allows students to receive a certificate in a specialized area within civil and environmental engineering. Each certificate requires students to complete three or four courses for 12 credit hours. Courses cannot be applied to more than one certificate, and students must earn a B- or higher in each course.



Admission Requirements

Students who wish to apply must meet the following requirements.

- BS degree in engineering or science from an accredited college in the United States or an approved institution of higher learning abroad.
- GPA of 3.0/4.0 or higher for the last 60 semester hours in a BS program. Students who do not meet the 3.0/4.0 GPA criterion may still be eligible to enroll if they have significant experience outside of the classroom. Such students are encouraged to contact ceonline@uillinois.edu to determine if they are eligible to register for online classes and participate in the certificate program.

Degree Requirements

Choose from the following options for the Railroad Engineering Certificate:

CEE 408: Railroad Transportation Engineering (3-4)

CEE 409: Railroad Track Engineering (3-4)

CEE 410: Railway Signaling and Control (3-4)

CEE 411: Railroad Project Planning and Design (4)

CEE 412: High Speed Rail Engineering (4)

CEE 498HP: High Speed Rail Planning (3-4)

Program Contacts

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Program URL: <http://cee.illinois.edu/academics/graduate-programs/cee-online-program/cee-online-certificate-program>