

Bridge Engineering Certificate Path to MEng Civil Engineering

Bridge Engineering Certificate Requirements

4 technical core courses (12 credits)

Technical Courses (12 credits)

1. CE 5380 Bridge Structures
2. CE 5382 Load Rating of Bridges
3. CE 5383 Design of Bridges for Extreme Events
4. CE 5384 Accelerated Bridge Construction

MEng in Structural Engineering Requirements

MEng Requirements: 4 MEng core courses (includes capstone project) + 4 Structural Engineering core courses + 2 elective courses (30 credits)

MEng Core Courses (12 credits)

1. ENGR 5311 Professional Communication and Information Management
2. ENGR 5312 Engineering Project Planning and Management
3. ENGR 5314 Advanced Engineering Mathematics
4. ENGR 5315 MEng Capstone Project

Structural Engineering Core Courses (12 credits)

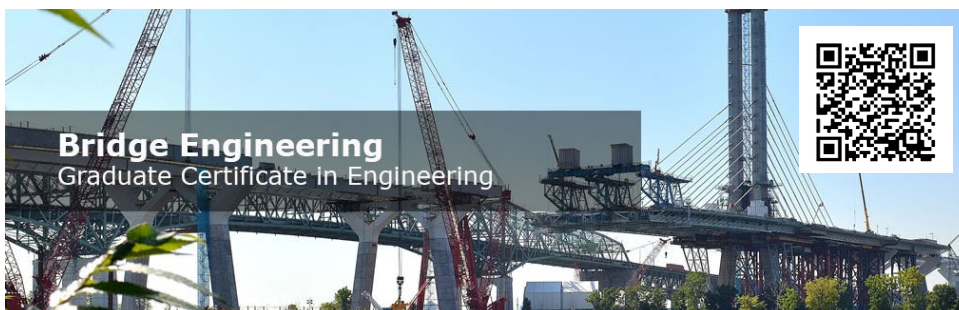
All 4 Bridge Engineering technical core courses would transfer from the certificate for credit as the 4 required structural core courses for MEng.

Additional MEng Requirements: The 2 remaining elective courses (6 credits) may be filled by structural core courses or by any engineering course approved by the MENG advisor.

<https://gradcatalog.uconn.edu/course-descriptions/course/CE/>

Conversion to MEng CE from Bridge Engineering Certificate

- If a student wishes to also earn, or shift to, the MEng in CE degree, she/he must submit an official MEng application. Admission will be based on the normal requirements for MEng applicants, including a GPA, for courses taken during the certificate program, of 3.0 or higher
- Once admitted, the student will need to take two additional engineering courses either on the preapproved list of technical electives, or approved by the students MEng advisor. The students will need to also take the MEng program core courses in order to graduate.



Bridge Engineering
Graduate Certificate In Engineering



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