

INTERNATIONAL ENGINEERING, CERTIFICATE

The certificate in international engineering provides recognition for a student's efforts to prepare for an international career by learning about one or more countries outside the United States. An undergraduate student in the College of Engineering or the Department of Biological Systems Engineering can earn the certificate by completing at least 16 credits in courses with a primary focus on the language, culture, history, geography, society, or institutions of a particular country or region of the world.

HOW TO GET IN

The application process is outlined on the Certificate in International Engineering website (<https://www.engr.wisc.edu/academics/undergraduate-academics/certificate-in-international-engineering/>). Students must have a cumulative GPA of at least 2.75 and have met progression requirements to apply.

REQUIREMENTS

CERTIFICATE COURSE REQUIREMENTS

A minimum of 16 credits is required.

LANGUAGE COURSES (0-9 CREDITS)

Although not required, a maximum of 9 credits may be devoted to courses in a foreign language. Only foreign language courses beyond the initial 8 credits in that particular language may be used to satisfy this requirement. A maximum of 3 credits from Independent Study or Directed Study may be counted toward either the language requirement or the area studies requirement. Advanced Placement credits, foreign language retroactive credits, and transfer credits are accepted.

AREA STUDIES COURSES (6-15 CREDITS)

A minimum of 6 credits must be devoted to courses with a major emphasis on the culture, history, geography, society, or institutions of one country or the countries in a geographically identifiable region of the world. These courses must be selected from at least two departments. A maximum of 3 credits from Independent Study or Directed Study may be counted toward either the language requirement or the area studies requirement. Advanced Placement credits, foreign language retroactive credits, and transfer credits are accepted.

INTERNATIONAL EXPERIENCE

A documented stay of five weeks or longer for study or engineering-related volunteer or work (including internship and co-op) in the designated country or region is required.

INTERNATIONAL ENGINEERING COURSE

After one's international experience, successful completion of the 1-credit course INTEREGR 413 Current Issues in International Engineering is required. **This course is offered during the fall semester only.**

Students may not elect the pass/fail option for any course that is used to satisfy the requirements for the certificate, with the exception

of courses taken on a study abroad program through International Academic Programs (<https://studyabroad.wisc.edu/>) in collaboration with the College of Engineering. Successful completion of certificate requirements will be noted on the student's official transcript. For additional information, contact international@engr.wisc.edu.

CERTIFICATE COMPLETION REQUIREMENT

This undergraduate certificate must be completed concurrently with the student's undergraduate degree. Students cannot delay degree completion to complete the certificate.

LEARNING OUTCOMES

1. Study the language and/or culture of a specific area of the world.
2. Obtain a significant international experience in that same area of the world (meaning spending 5 weeks or more in the area).
3. Understand and be able to articulate specific insights about the international dimension of engineering as a profession.