“What’s the relevance to globalization to you personally, and to your future in engineering? I can answer that in one word: Everything. No matter what area of engineering you enter, your ability to remain on the leading edge, and to progress in your organization, will depend largely on your capacity to connect and commune globally.”
—Ken Kohrs, former Vice President, Ford Motor Company

University of Michigan
College of Engineering

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MichiganEngineering

University of Michigan

College of Engineering

Program in **Global Engineering**

Market yourself to the world...

Globalization of industry and academics has created the need for engineers with a strong international education. Engineers in the “real world” are increasingly asked to work with foreign suppliers, co-workers, and clients. For example, when on global assignments for companies in industries such as communications, information technology, and automation, engineers of the 21st century must be able to combine technical knowledge and cross-cultural skills. To this end, the University of Michigan College of Engineering is now integrating international education into the undergraduate engineering curriculum by offering the new Program in Global Engineering.

The Program in Global Engineering allows students to learn firsthand what it means to be a global engineer. It integrates global program classes with courses taken to fulfill specific major requirements and allows students to participate in an eight-week International Experiential Learning Opportunity (e.g., study abroad programs, internships abroad, or team projects abroad.)

The Program in Global Engineering focuses on three regions of competitive importance to the United States. The selection of regions is based on importance to the future economy, current Michigan relationships, and a diversity of learning opportunities for students. The regions selected are China, Mexico, and the United Kingdom.

Program Qualifications

- A student must have completed at least one term at the University of Michigan College of Engineering.
- A student must maintain an overall GPA of 3.0 throughout the program.
- A student must write a statement of purpose, including a statement about their global interests in engineering.

Program Requirements

- Complete a total of 24 credit hours of course work at home and abroad plus study/internship/team project abroad:

  China or Mexico
  - 2 credit-hour course on cross-cultural understanding
  - 8 credit hours of language study
  - 8 credit hours of upper-level or 300-level courses
  - 6 credit hours of free elective courses (electives must have international focus)

  United Kingdom
  - 2 credit-hour course on cross-cultural understanding
  - 16 credit hours of upper-level or 300-level courses
  - 6 credit hours of free elective courses (electives must have international focus)
- Fulfill the 8-week international experiential learning through studying abroad, overseas industrial internships or overseas team projects.

Program Benefits

- Written acknowledgment of participation in the Global Program on all official University of Michigan transcripts
- Understand the importance of the globalization of technology
- Appreciate the people, culture, academic and business practices of a specific region of interest
- Contextualize the American self within the global market
- Articulate the phenomenon of cross-cultural refraction
- Aggregate and assimilate attributes from other cultures into a global engineering philosophy

For more information on the Program in Global Engineering, please contact:

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..Become a global engineer