Minor in International Engineering

Preparing to practice engineering in a global economy is important for new engineers to advance in their careers. In addition to a strong engineering background, there is a need for engineers with cross-cultural experience and foreign language abilities. Students in the A. James Clark School of Engineering may earn a minor in International Engineering by completing requirements that can include language, culture studies, or internationally-related studies plus international engineering or international engineering-related courses. The minor in international engineering is 15-24 credits, depending on whether language courses are selected to fulfill minor requirements. Up to six (6) credits of engineering courses completed as part of an engineering study abroad program may count to fulfill requirements for the minor and may also apply to the student’s engineering degree. Students interested in completing this minor program should contact the international office in the Clark School for advisement.

Courses required for the minor are:

ENES472 - International Business Cultures for Engineering and Technology (3 credits) [course cross-listed as SLLC472]

In consultation with the international program advisor, the student must choose 6-18 credits of foreign language, culture studies, internationally-related studies or international engineering-related courses plus complete an engineering-related study, work or research experience abroad. Up to six (6) credits of engineering courses completed as part of an engineering study abroad program may count to fulfill requirements for the international engineering minor. It is assumed that students will have completed ENES 100 before beginning this program.

No more than six (6) credits of the minor may count toward a student's major. No more than six (6) credits of the minor may be completed at an institution other than the University of Maryland, College Park. A minimum of nine (9) credits must be completed at the upper level and at least six (6) of those upper level credits must be taken at the University of Maryland, College Park. All courses for the minor must be completed with a grade of "C" or better.

1. Oversight and Record keeping

Oversight of this minor program will be through the normal academic process of the A. James Clark School of Engineering. The college’s Associate Dean for Education and the Director of International Programs will be responsible for ensuring that students are properly advised and that records are appropriately kept.
Examples of how an International Engineering minor might be completed. (Many other opportunities are available.)

Semester study abroad in Chile
ENES 472 - International Business Cultures for Engineering and Technology (3)
SPAN201 - Intermediate Spanish (4)
SPAN202 - Intermediate Grammar and Composition (3)
SPAN301 - Advanced Grammar and Composition (3)
ENxx 4xx - Engineering courses (6) [taken abroad]
Total credit requirements=19 credits

Semester study abroad in Hong Kong or Singapore
ENES 472 - International Business Cultures for Engineering and Technology (3)
ENXX 4XX - Engineering courses (6) [taken abroad]
ARTH290 - Art of Asian (3)
CHIN316 - Traditional Chinese Values (3)
Total credit requirements=15 credits

Summer study abroad in France
ENES 472 - International Business Cultures for Engineering and Technology (3)
FREN204 - Intermediate French (4)
FREN311 - Advanced French conversation (3)
ENAE 4xx - Aerospace engineering courses (6) [completed in France]
Total credit requirements=16 credits

Research abroad in the United Kingdom
ENES 472 - International Business Cultures for Engineering and Technology (3)
ENES 458 - Topics in International Engineering: Engineering in the United Kingdom (3) [UM winterterm course]
ENFP 4xx - Research project conducted at the University of Edinburgh, Scotland (3)
HIST 236 - History of Britain 1688 to Present (3)
ENGL 205 - Introduction to Shakespeare (3)
Total credit requirements=15 credits