

Minors

International Engineering - Minor

College of Engineering and Computer Science

Engineering, Room: 107

<http://www.cecs.ucf.edu>

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The objective of this minor is to provide engineering, and computer science students with the opportunity to learn about and experience firsthand the global aspects of engineering, science and technology. This minor is designed for maximum flexibility in programming, given the many different countries, cultures, partner foreign institutions and individual student needs. Through this minor, CECS students gain academic and/or work experience at an approved foreign institution compatible with UCF CECS, while simultaneously becoming familiar with the social as well as professional and technical cultures of their host country. CECS students can spend one or two semesters abroad gaining valuable international experience in their chosen field. This is especially important in today's global economy in which employers look for graduates with international experience in their major area.

Minor Admission Requirements

- Admission by interview with the Program Coordinator
- A minimum UCF cumulative GPA of 2.75 is required to enter the minor.

Minor Requirements

- None

Prerequisite Courses

- Pre-requisites to the minor include completion of a minimum of 45 credit hours prior to the study abroad experience.

Required Courses (18 hrs)

- The International minor in Engineering or Computer Science is composed of three parts:

Language Skill Acquisition 6 hrs

- It is important that students possess a working level of language skills in the language of the prospective country to be visited in the study abroad experience of item 3 below. Therefore, students must demonstrate proficiency in the language of their chosen country through at least the first year of college study. This can be achieved by completing six to eight hours of language coursework at UCF if such coursework is available, at the foreign institution where they will be going, or by passing an exam prior to the study abroad experience. Language coursework must relate to the country/region in which the student will be studying and must be approved beforehand by program coordinator. This requirement can be waived by the minor coordinator for study abroad in countries in where English is widely spoken.
- For International Engineering Exchange Programs that include class instruction in a language other than English, students must show advanced proficiency in that language either through a sufficient score on the Foreign Language Proficiency Exam to demonstrate fluency in the language and/or through satisfying any language proficiency requirements specified by the host institution. If the student does not demonstrate advanced proficiency in the local language of instruction, he/she must spend at least one academic year abroad with the first semester or more devoted to language study and another semester to Engineering/Computer Science coursework.
- If the student demonstrates proficiency through exam or if the language requirement is waived, he/she will instead take six hours of alternative international coursework, appropriate to the region of study, at UCF in lieu of the foreign language credits. This alternative international coursework will consist of two of the following courses (or an equivalent(s) approved by the program coordinator):

ANT 3212	Peoples of the World	3 hrs
ANT 3541	Biobehavioral Anthropology	3 hrs
ANT 4332	People and Cultures of Latin America	3 hrs
ANT 3610	Language and Culture	3 hrs
ASH 4404	Modern China	3 hrs
ASH 4442	Modern Japan	3 hrs
COM 4461	Intercultural Communication	3 hrs
CPO 3034	Politics of Developing Areas	3 hrs
CPO 3103	Comparative Politics	3 hrs
CPO 3104	Politics of Western Europe	3 hrs
CPO 4101	Politics of the European Union	3 hrs
CPO 4303	Comparative Latin American Politics	3 hrs
CPO 4643	Government and Politics of Russia	3 hrs
GEO 3471	World Political Geography	3 hrs
REL 3333	Hinduism	3 hrs
REL 3363	Islam	3 hrs
IDS 3333	World Comparative Studies	3 hrs
INR 4035	International Political Economy	3 hrs
INR 4102	American Foreign Policy	3 hrs
INR 4224	Contemporary International Politics of Asia	3 hrs
INR 4243	International Politics of Latin America	3 hrs
INR 4401	International Law	3 hrs

Cultural Coursework

3 hrs

- It is important to formally expose the students to the culture of the country or region where they plan to have their study abroad experience. This can be done in one of two ways, in decreasing order of preference:

- Option 1) Students will complete three hours of coursework in society/culture international relations, or global economics related to the country/region where the student is having his/her study abroad experience. It is recommended that this course be completed at the foreign institution if available

- Option 2) If such a course cannot be found, then the minor coordinator will select a course to take in its place at UCF that will achieve similar results.

Study Abroad Experience

9 hrs

- The study abroad experience represents the most important aspect of this minor. To satisfy this requirement, students complete 9 hours of technical coursework (classroom studies) in residence at a partner institution abroad.

- Students must take coursework abroad of equivalent content and level to what they would take at UCF as part of their degree program. With the realization that courses are different in the various overseas institutions, the proposed overseas coursework must be explicitly approved by the student's home department to ensure equivalency. Students must first consult with their home department to determine the core, required and/or elective courses they are eligible to take, and look for equivalencies of courses offered at the overseas institution during the time of their expected study abroad experience. They must then proceed to consult with the international minor coordinator before seeking departmental approval. Departmental approval must be obtained before enrolling in the overseas classes.

Restricted Electives

- None

Foreign Language Requirements

- See Language Skills Acquisition

Total Semester Hours Required

18

Other Requirements

- A minimum grade of "C" (2.0) or better is required in all courses toward the minor.
- Pre-requisites to the minor include completion of a minimum of 45 credit hours prior to the study abroad experience.