

Study Abroad in Mechanical Engineering

Why Study Abroad?

- ❖ Practice problem solving through working, studying and living in an unfamiliar context
- ❖ Develop foreign language as a skill and also as a new way of thinking and perceiving
- ❖ Gain exposure to the way professionals in the field may view the subject matter differently, allowing for a more creative and flexible view of work and study in the field
- ❖ Make professional contacts
- ❖ Gain a sense of career direction
- ❖ Understand how to work with people, companies and organizations from other countries/cultures
- ❖ Gain an appreciation and awareness of life in the U.S.
- ❖ Develop confidence, a strengthened sense of personal identity, flexibility, and creativity
- ❖ Increase interest in other cultures
- ❖ Become more culturally sensitive and accepting

When to Study Abroad

For Mechanical Engineering students, [sophomore or junior spring semesters are the](#) most popular option. Students must take **approved** mechanical engineering courses during their time abroad in order to stay on track for graduation.

The fall semester of senior year is also a possibility. Students can defer required courses until the spring and take electives while abroad.

Deadlines

While deadlines vary depending on the program, plan to apply for the spring semester in early October and the fall semester or academic year in February.

Types of Programs

University Exchange

As Carnegie Mellon sends its students to these programs; it receives students from its foreign partners. Carnegie Mellon students participating in these programs continue to pay tuition directly to Carnegie Mellon and receive the same financial aid package. Students are responsible for room, board, travel, and miscellaneous expenses.

University Sponsored Programs

Study abroad programs that have been approved as University Sponsored Programs allow students to pay regular Carnegie Mellon tuition, plus room and board, and receive the same financial aid package.

External Programs

External Programs allow students to pay the study abroad program directly, while still maintaining full-time enrollment status at Carnegie Mellon. Students participating in External Programs do not pay tuition and fees to Carnegie Mellon for the time abroad. Institutional aid from Carnegie Mellon is not applicable for these programs, but federal and state aid may still be used.

Financial Aid and Scholarships

Review the above section for specific information regarding the use of financial aid abroad. Check out <http://www.studentaffairs.cmu.edu/oie/sab/gettingstarted/funding/index.html> for information on other sources of funding.

“Early planning is essential to ensure study abroad credit fulfills graduation requirements appropriately.” ~Bonnie Olson

This chart contains a selection of recommended programs for Mechanical Engineering. It is not an exhaustive list. For more program information visit: www.cmu.edu/studyabroad, www.iiepassport.org, or www.studyabroad.com Before applying to any of the programs, all courses must be approved by your academic advisor.

	Website	Fall	Spring	Year	Summer	Language of Instruction	Language Prerequisite	Housing	Type
AUSTRALIA									
University of New South Wales	http://www.mech.unsw.edu.au	✓	✓	✓	✓	English	N/A	University housing or off-campus	University Sponsored*
University of Sydney	http://www.aeromech.usyd.edu.au/	✓	✓			English	N/A	University housing or off-campus	External
ENGLAND									
University College of London	http://www.mecheng.ucl.ac.uk/			✓		English	N/A	University housing	University Sponsored*
University of Manchester	http://www.mace.manchester.ac.uk/		✓	✓		English	N/A	University housing	University Sponsored*
Queen Mary, University College of London	http://www.qmul.ac.uk/	✓	✓	✓		English	N/A	University housing or off-campus	External
Sheffield University	http://www.shef.ac.uk/		✓			English	N/A	University housing or off-campus	External
FRANCE									
Georgia Institute of Technology- Metz	http://www.georgiatech-metz.fr/	✓	✓	✓	✓	English	N/A	University housing	External
IRELAND									
IFSA Butler: University College Dublin	http://www.ifsa-butler.org/university-college-dublin.html	✓	✓	✓	✓	English	N/A	University Housing	University Sponsored*
Trinity College, Dublin	http://www.mme.tcd.ie/			✓		English	N/A	Off-campus	University Sponsored*
ISRAEL									
Technion, Israel Institute of Technology	http://meeng.technion.ac.il/	✓	✓	✓		English & Hebrew	N/A	University housing	University Exchange
HONG KONG									
Hong Kong Polytechnic	http://www.polyu.edu.hk/cpa/polyu/index.php	✓	✓			English	N/A	University Housing or off-campus	External
MEXICO									
ITESM Monterrey Tec	http://www.itesm.edu/wps/portal?WCM_GLOBAL_CONTEXT=	✓	✓	✓	✓	Spanish & English	2 years of college level Spanish	University housing	University Exchange
NEW ZEALAND									
IES Auckland	https://www.iesabroad.org/IES/Programs/NewZealand/Auckland/auckland.html		✓	✓		English	N/A	Homestays, university housing or off-campus	University Sponsored*
SINGAPORE									
National University of Singapore	http://me.nus.edu.sg/	✓	✓	✓		English	N/A	University housing	University Exchange
Nanyang Technological Univ	www.ntu.edu.sg/	✓	✓	✓		English	N/A	University housing	External
SPAIN									
IES Madrid: Engineering Program	https://www.iesabroad.org/IES/Programs/Spain/Madrid/Engineering/madridEngineering.html	✓	✓			English/Spanish	None	University Housing/Homestay	University Sponsored*
Saint Louis University	http://spain.slu.edu	✓	✓	✓		English	N/A	University housing	External
SWITZERLAND									
Ecole Polytechnique Federale de Lausanne	http://sgm.epfl.ch/index_en.html			✓		French (intensive language program)	Some French required	University housing	University Exchange

* These programs can also be external.