

STUDY ABROAD: How to Choose Courses: QuickStart Guide

For all programs:

- Students must take 18 units, two 9-unit equivalent or option elective classes must qualify for option requirement or option elective units. Caltech 12-unit classes for which a student takes an equivalent class abroad will get 12 units with the permission of the Caltech instructor.
- Students must take at least 4 classes/36 Caltech units including the 18 required option units in your primary option
- No need to get professor approval at this point for your proposed classes. If you want equivalent course credit, then check with the Caltech instructor by mailing them the study abroad university class description.

Cambridge:

Tripas system and can only take classes from tripos areas that are STEM. Some tripos subjects do not take visiting students such as biochemistry and material sciences. Chemistry students can only enroll in Part III chemistry and cannot take any Part II Chemistry classes. Check the Cambridge Handout posted online for allowed students.

Cambridge does not have a unit or credit system. Units are calculated based on lectures per week. Most classes = 9 units. See the Cambridge Handout for details.

Engineering tripos has BEM and language classes

Copenhagen University (KU):

KU Subjects: Biology, Chemistry, Computer Science, Environmental Sciences, Geological Sciences, Mathematics, Physics (Nils Bohr Institute)

- Has block system (semester split into two blocks in the sciences)
- Students take two classes in Block 1, one class in Block 2, plus Danish Language and a Danish Culture course
- Students take two 7.5 ECTS classes in their option in Block 1, 1 7.5 class in Block 2 (for which instructor allows a December exam) plus Danish language and a Danish Culture class.
- E means autumn (efterår) and F means spring (forår) in course descriptions
- 30 ECTS maximum per term including Danish language and a Danish Culture class.

Technical University of Denmark (DTU)

DTU Subjects: All engineering including Chemical & Environmental, Nanotechnology, Applied Math, Computer Science, Chemistry, Systems Biology, Physics, Transport, Food, Space Sciences, Wind Energy, & Management Engineering

- Classes are 5 or 10 ECTS (both worth 9 CIT units)
- DTU Block system refers to the weekly schedule of “blocks” – 4 hour sessions of lecture/recitations
- 5 ECTS classes meet for one 4-hour block per week
- 10 ECTS classes meet for two 4-hour blocks per week
- E means autumn (efterår) and F means spring (forår) in course descriptions
- Required to take Danish language – taught at KU because DTU does not teach Danish for credit.
- ~30 ECTS at DTU plus Danish language at KU is the maximum number of ECTS allowed. Can be

University of Edinburgh

*Admitted into College of Science and Engineering (CSE)

Cannot take classes in the College of Medicine and Veterinary Medicine (CMVM)

Can take classes in the College of Arts, Humanities, and Social Sciences (CAHSS) provided student has background for a class. Must have at least 40 credits in CSE and can have up to 40 in CAHSS.

Admitted to Schools of:

Biological Sciences, Chemistry, Engineering, Geosciences, Informatics (CS), Mathematics, or Physics & Astronomy

- Take 4 classes minimum AND 60 Edinburgh credits minimum (total for all schools & colleges of 5 classes max and 80 credits max)
- Max of 40 credits in CAHSS but with 40 credits MUST have 40 credits minimum in CSE.
- Most classes are 10 or 20 SCQF credits (all worth 9 CIT units)
- Ignore ECTS units – these are given for exchange students from European universities.

- Must choose Semester 1
- Must choose SV1 or VV1 (make sure schedule says December exam or assessment-in DRPS)
- SS1 classes NOT allowed as these are full year classes or no December examination
- Classes are levels 8-11, and not all have level 8 or 11. Level 11 access restricted in some schools.
- Social Science type classes in Geography Department in School of Geosciences

*Students with a formal declared PRIMARY option in an HSS subject might be eligible for admission in that subject. Please discuss with study abroad director.

University of Melbourne

Remember, subject means classes. Course means department or program.

- All subjects (classes) are 12.5 credits each & each 12.5 credit class = 9 Caltech units
- Can take max of 50 points – no more!
- Choose Semester 2 subjects (classes) only; Semester 2 is late July-mid November.
- At least 25 Melbourne credits/ 50% of classes must be in option
- Can do 25% of classes as research class & Melbourne offers topics so easy to arrange
- Up to 50% in other subjects in science/engineering or in humanities or social sciences
- Can apply in HSS major if a junior when applying

University College London

Faculty of Engineering, Faculty of Mathematical and Physical Sciences, Faculty of Life Sciences (see exceptions below)

- Admitted to one department (Admitting Dept.) MUST TAKE 50% of credit, at least 30 UCL credit in this department — note that each UCL class = 15 UCL credits
- No course catalog — have to search by Subjects (link in handout)
- Students in the sciences who do not take engineering will take four 15 classes to equal 60 UCL credits. **EXPRESS CLASSES IN UCL CREDITS NOT ECTS or US CREDITS!**
- In Science, hum and social sciences 15 credits is one class
- Not allowed to take classes at:
 - Art-Slade School
 - Biochemical Engineering
 - Chemical Engineering
 - EE
 - Language Center
 - Law
 - Management Science
 - Mathematics
 - Physics & Astronomy
 - Statistical Sciences
- Students are allowed to take 1st year Econ classes only. Computer Science requires cum 3.9 GPA minimum.

All Program Course Catalogs:

- **CAM:** <http://www.cam.ac.uk/colleges-and-departments/department-a-z>
 - Must look at specific tripos for timetables and course information. Refer to Cambridge Handout for more direct links.
- **DTU:** <http://www.kurser.dtu.dk/>
- **EDIN:** <http://www.drps.ed.ac.uk/18-19/>
- **EPT:** <https://moodle.polytechnique.fr/course/index.php?categoryid=290>
- **KU:** <http://kurser.ku.dk>
- **MEL:** <https://handbook.unimelb.edu.au/faces/htdocs/user/search/SimpleSearch.jsp> (Choose **Semester 2** ONLY) Click Show All. **Pick SUBJECTS – don't pick COURSES (degree programs)**
- **UCL:** <https://www.ucl.ac.uk/prospective-students/study-abroad-ucl/study-abroad-guide/subjects>