



University College Dublin

Engineering Study Abroad Programme

The UCD Engineering Study Abroad Programme offers visiting undergraduate students a unique educational opportunity to participate fully in the academic and social life of Ireland's Global University. UCD Engineering is the largest Engineering School in Ireland, offering the widest range of engineering disciplines. The Engineering educational philosophy at UCD emphasizes mastery of analytical skills and the use of quantitative methods.

Our five Engineering Schools sit within the UCD College of Engineering & Architecture. All of our programmes are professionally accredited by Engineers Ireland with the exception of our BE in Chemical and Bioprocess Engineering which is accredited by the IChemE, UK at Master's level. UCD Engineering programmes are also accredited by the Washington Accord. The Washington Accord, Est. in 1989, is an international accreditation agreement for professional engineering academic degrees. Accreditation means that programmes accredited in Ireland are internationally recognised.

Module Information & Assessment

At UCD we call classes/courses 'modules'. Details of modules are available to browse on UCD's online course catalogue at www.ucd.ie/students/course_search.htm

Study abroad students have access to the full range of undergraduate modules available at UCD* (* subject to capacity and timetabling). You can register for up to four modules in your subject area and up to two modules from other Programme areas. You may also take all of your modules within your chosen subject area.*

Assessment is based on a combination of in-semester components such as projects, class based assignments and formal examinations which take place at the end of each semester i.e. in December and May.

Teaching & Research

UCD Engineering aims to provide a worldclass educational experience for its students. Many of our academic staff have been recognised internationally, nationally and institutionally as excellent teachers and developers of innovative approaches to teaching and learning. The strong research

culture within the College informs our teaching and learning activities, creating a culture of enquiry and innovation amongst our students, preparing them for the rapidly changing environment they will enter upon graduation.

UCD Engineering Research themes include Energy, Bioengineering, Internet of Things Engineering, Materials and Manufacturing, Transport, Water, Biopharma, Design, and Food Engineering.

Research Opportunity

The "Introduction to Engineering Research" module offers Engineering study abroad students the opportunity to become active members of a research group in the College of Engineering & Architecture.

They will shadow a member of the research team and carry out a research project encompassing one or more engineering capabilities.

Based on the research activity of the research group, students will learn about research methodologies and what is needed to progress basic research ideas towards higher technology readiness levels.

Subject Choices

Study Abroad students may select modules from the following Engineering Programme majors:

- Biomedical Engineering
- Biosystems Engineering
- Chemical and Bioprocess Engineering
- Civil Engineering
- Electrical Engineering
- Electronic Engineering
- Energy Systems Engineering
- Mechanical Engineering
- Structural Engineering with Architecture

Students will also learn how to write a scientific abstract and a scientific report as well how to make a scientific presentation in the context of engineering research.

Research/Industry Placements in Engineering

The UCD College of Engineering & Architecture are offering Study Abroad Engineering Students the opportunity to extend an academic semester of study to include a research or industry placement during the summer.

Spring students can be accommodated in a 4-16 week unpaid placement on the basis that they will or have spent an academic semester of study at the UCD College of Engineering & Architecture. There is no additional programme fee for placing students.

Whilst placements cannot be guaranteed, a dedicated Study Abroad Officer will work with the student from the outset to secure their summer placement as early as possible.

Student Testimonial



Bianca Acot

Civil Engineering Major
Princeton University
Spring 2020

Studying abroad at UCD has been one of my favourite semesters of college so far!

First of all, classes were well-taught, and professors were accommodating and accessible. My favourite class was the independent research module. With the mentorship of Professor Michael Gilchrist, I analysed rugby head impacts using finite element analysis. The project was a perfect combination of my interests in engineering, medicine, and sports, and I will be continuing this research for my senior thesis with Professor Gilchrist as my advisor.

Though I was worried about going to a school where I didn't know anyone, everybody was super welcoming and friendly. I mainly met people through the wide array of societies UCD has to offer. I ended up joining the Newman society, mountaineering society, food society, lacrosse team, and volleyball team (all of which, I highly recommend!). Through society events, I made friends for a lifetime, learned about Irish culture, explored Dublin and Ireland, and had tons of fun!

At UCD, I experienced a new culture, new people, and new academic interests. These experiences 'broadened my horizons', cliché as it may be. The friends and memories I made and the knowledge I gained are irreplaceable. My time at UCD has exceeded my expectations, and though it's only been a couple months since I left, I already look forward to going back.



Programme Supports

The UCD Engineering Study Abroad Programme has a dedicated administrator to help make student admission, registration and participation a smooth, efficient and enjoyable process.

Peer Mentors

All incoming Engineering Study Abroad students will be linked with a peer mentor who is a second or third year UCD student. Where possible, we try to assign peer mentors who have had a similar experience and have spent some time studying in the US or abroad and will be able to understand the needs and aspirations of Engineering Study Abroad students.

Academic Mentors

Each of our Engineering Schools have a dedicated academic staff member who mentor our study abroad students.

Credit Transfer

UCD will send an official transcript of exam results to your home institution. Your home institution decides on credits to be awarded for modules pursued at UCD.

Eligibility

THE MINIMUM GPA REQUIREMENT IS 3.00
(Bachelors degree)

Applications are made on-line at
www.ucd.ie/apply

Full year or first semester (fall)	May 1st
Second semester (spring)	October 25th

For further information contact:

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