

Imperial College Mechanical Engineering Department (ICMED) – CS exchange 2024-2025

The CS-ICMED academic exchange has been running since 2012-2013, and has provided golden opportunities for our students to study in the UK without incurring hefty tuition fees. Applications are now open for the 2024-25 CS-Imperial College Mechanical Engineering Department exchange. There can be up to 4 places available, but sometimes just 2. This exchange is open to all first years who are not on incoming international mobility. Applicants should be able to demonstrate academic excellence across a range of disciplines during their first year at CS, as well as sufficient mastery of English. Active membership of clubs, and excellence in other areas, will be an advantage.

The successful candidate(s) will spend their second year at the Department of Mechanical Engineering.

At Imperial, you will study in Year 4. The modalities for the choice of modules are explained here:

<https://www.imperial.ac.uk/study/courses/undergraduate/mechanical-engineering/#structure>

In brief, choice of module can be summarized as follows:

- An individual project (40% of the total marks for the year: 25/60)
- An advanced elective, in a “real” Mechanical Engineering subject (17% of the mark: 10/60) **although this is not compulsory.**
- 5 other electives, that can be chosen within Year 3 and Year 4 modules (8% each, 5/60 each). These electives are not necessarily proper “Mechanical Engineering” subjects (an example of a student’s path this year is: Mathematics, Statistics, Optimization, Finite Elements Analysis and Applications and Sustainable Electrical Systems)
- **PLEASE NOTE** that even though the exchange is in the Mechanical Engineering Department, it is possible to study **almost anything** thanks to the variety of modules. A project could even be about Artificial Intelligence, giving only 17% of marks on Mechanical Engineering subject. A current student says: *“It is important to note that for the individual project, we have a choice of about 200 different subjects, many of them not related to Mech Eng. I do data science with the London Fire Brigade and others are doing a Machine Learning project.”*
- **ACCOMMODATION:** as non-UK students, generally speaking, you are automatically allotted reasonable (around £500 p/m) and pleasant lodgings in the heart of London, and within easy access (walking/cycling) to Imperial

College, saving on travel costs. You may however end up with a shortish commute (around 40 minutes)

- EXTRA-CURRICULAR ACTIVITIES: London offers a huge range of cultural activities (theatre, museums, concerts, festivals, comedy etc) at reduced rates for students. Also, from student feedback: *"If they are worried that playing sport is expensive in London, there is a sports centre (which belongs to Imperial) right across the campus with numerous gyms (weights, basketball, volleyball...) and a swimming pool and all for 35p/year."*

To apply, please send a detailed Statement of Purpose, explaining why you are a great candidate for this exchange, together with a list of the modules you would like to study. Completed applications should be sent to M. Alberto Bustamante-Salvador, the Outgoing Exchange Programmes Manager, at alberto.bustamante-salvador@centralesupelec.fr, by midnight, Sunday 10th March, putting in copy Ms. Julie McDonald (julie.mcdonald@centralesupelec.fr) and Professor Jean-Michel Gillet (jean-michel.gillet@centralesupelec.fr). Interviews for short-listed candidates will be held on Thursday 21st March. Firm offers for participation in the exchange will be made shortly after interview, and are conditional on candidates obtaining a score of 7 in the IELTS.

Further information can be found on the [Mobility](#) website.

Detailed 2024-25 IC MecEng course programmes can be found at:

<https://www.imperial.ac.uk/study/courses/undergraduate/mechanical-engineering>

Inside information can be obtained from past and present exchange students:

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Or the ICL students currently on the campus with us:

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philomene.letzelter20@imperial.ac.uk.

Please feel free to contact the programme coordinator, julie.mcdonald@centralesupelec.fr (mark your enquiry "CS-ICMED exchange").