

Incoming student mobility Information sheet 2024 – 2025

Department of Chemical Engineering



Contact information

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Types of Mobility Students

At Eindhoven University of Technology, inbound mobility students are categorized in

- exchange students (courses)
- research students/Erasmus placement students
- free movers

They all need to meet TU/e's eligibility criteria for incoming mobility students. Exchange students should always be nominated by their home institution based on a student exchange agreement with TU/e Department of Chemical Engineering and Chemistry.

Exchange students are given the opportunity to obtain 30 ECTS during 1 semester or 60 ECTS during 2 semesters.

The program for one semester could consist of either:

- 1) 30 ECTS theoretical courses (6 courses of 5 ECTS)
- 2) 15 ECTS research project + 15 ECTS theoretical courses (3 courses of 5 ECTS)
- 3) 30 ECTS research project

For students who stay a whole study year we can offer comparable programs consisting of either more theoretical courses or a longer research project.

Nomination and Application procedure

Nomination:

Home institutions should nominate their students by sending an e-mail to the international office of TU/e Department of Chemical Engineering and Chemistry: Gerda Baas, e-mail: CEC.exchange@tue.nl.

In this e-mail the student's full name, e-mail address, study field and study level should be mentioned. Nominated students should be enrolled in an academic Bachelor / Master degree (or equivalent) program in the required field of study.

Nomination deadlines:

for the autumn semester (A): **1 April**

for the spring semester (B): **1 October**

Application:

Hard copy applications cannot be accepted. All students should apply in our Mobility Online tool. The URL, login credentials and additional information will be e-mailed to the student once the student has officially been nominated for the exchange or internship by the international office of his home institution.

Applications deadlines:

for the autumn semester (A): **1 May (deadline)**

for the spring semester (B): **1 November (deadline)**

For more information students can consult our [institutional webpages for inbound mobility students](#)

Applications will only be considered after uploading all required documents.

Language requirements:

All our education is conducted in English, except for the bachelor's courses offered by the department of Biomedical Engineering and Medical Science and Technology. To proof your mastery of the English language, you can suffice by having a specific TU/e form signed by your home university if you have a European (EEA) nationality. This document can be downloaded during the online application.

[On this page the English language requirements for non-EEA](#) students applying for a study semester or research/thesis internship are indicated. Note that your nationality determines whether you are an [EEA or a non-EEA](#) student. These statuses do not depend on the country in which your home university is located. Our English language requirements are very strict. This means that we do not accept any other language test result forms than the ones indicated on our website.

Academic calendar:

Our university has a two-semester system consisting of four quarters; Semester A divided in quarter 1 and 2, and semester B divided in quarter 3 and 4. You might want to check the [academic calendar](#) for the exact dates of the quarters and the examination periods in the academic year.

Courses

Here you can find all the courses (Bachelor's and Master's courses) for an exchange program in Chemical Engineering and Chemistry. Please note: This list is subject to change, for the latest information and for a description of the courses, please consult [OSIRIS](#) course catalogue. The final program will be known in May.

All courses are taught in English.

Bachelor Chemical Engineering & Chemistry courses available for exchange students (2024/2025)

Code	Course name	Quartile	Level	Timeslot
Semester A				
6BER01	Nanomaterials: Chemistry & Fabrication	1		A
6M4X0	Materials Science	1		C
6BER02	Macro Organic Chemistry	2		A
6I1X0	Energy	2		B
Semester B				
6BER04	Topics in Molecules and Materials	3		B
6E8X0	Process Dynamics & Control	3		C
6BER03	Numerical Methods	3		A
6BPR04	Chemical Reactors	4		E
6BER05	Physical Chemistry 2	4		B
6E9X0	Process Design	4		A

Master courses Chemical Engineering available for exchange students
Semester A

Subject Code	Subject name	Quartile	Timeslot
6CPT10	Advanced Transport Phenomena (CPT)	1	D
6EMA01	Micro Flow Chemistry and Process Technology (CPT)	1	A
6EMA02	Particle-based Simulations (CPT)	1	B
6MSM10	Physical Organic Chemistry (MSMC)	1	C
6EMA51	Characterization of Materials (MSMC)	1	B
6EMA53	Molecular Photophysics (MSMC)	1	D
6CPT20	Catalysis, Science and Technology (CPT)	2	E
6EMA08	Multiphase Computational Fluid Dynamics (CPT)	2	A
6MSM31	Polymer and Colloid Science (MSMC)	2	C
6EMA64	Molecular Photochemistry (MSMC)	2	E
6EMAC1	Essentials of Polymer Reaction Engineering (CPT/MSMC)	2	A
6EMAC5	Polymer Membranes for Sustainable Process Applications (CPT/MSMC)	2	B
6EMAC8	Theoretical and Computational Chemistry	2	D

Semester B

Subject Code	Subject name	Quartile	Timeslot
6CPT30	Advanced Chemical Reactor Engineering (CPT)	3	A
6CPT40	Advanced Separation Technology (CPT)	3	E
6EMA61	Advances in Molecular Chemistry (MSMC)	3	E
6EMA63	Sustainable Polymer Chemistry and Materials (MSMC)	3	B
6EMA59	Experimental Soft Matter (MSMC)	3	A
6EMAC2	Modern Concepts in Catalysis (CPT/MSMC)	3	C
6EMAC6	Electrochemical Engineering (CPT/MSMC)	3	D
6EMA05	Multiphase Reactor Modelling (CPT)	4	D
6EMA06	Advanced Process Design (CPT)	4	B
6EMA52	Coatings Science and Technology (MSMC)	4	A
6EMA62	Advanced Materials for Soft Robotics	4	D
6EMA55	Mechanical Behaviour and Rheology (MSMC)	4	E
6EMAC7	ICMS Industrial Challenge (CPT/MSMC)		No timeslot

Timeslots:

The time slots in our study program are there to help avoiding clashes in your personal timetable. You should make sure not to pick any courses that are scheduled for the same time slot. If you do, it will for sure cause problems with your course and/or exam schedule later on (overlap of courses and/or exams)! The supplementary numbers (e.g. A1, A2) are not relevant, as our department only works with full time slots (A, B, C, D, and E).

Timeslots Education weeks

		Monday	Tuesday	Wednesday	Thursday	Friday
1+2	08.45-10.30	A1	C1	B1	E1	D1
3+4	10.45-12.30	A2	C2	B2	E2	D2
	12.30-13.30					
5+6	13.30-15.15	B1	E1	D1	A1	C1
7+8	15.30-17.15	B2	E2	D2	A2	C2
9+10	17.30-19.15	E3	D3	A3	B3	

Timeslot Exam weeks

		Monday	Tuesday	Wednesday	Thursday	Friday
week 1	09.00-12.00	A1	E1	B1	D1	C1
	13.30-16.30	A1	E1	B1	D1	C1
	18.00-21.00	Resit A1	Resit E1	Resit B1	Resit D1	Resit C1

		Monday	Tuesday	Wednesday	Thursday	Friday
week 2	09.00-12.00	A2	E2	C2	D2	B2
	13.30-16.30	A2	E2	C2	D2	B2
	18.00-21.00	Resit A2	Resit E2	Resit C2	Resit D2	Resit B2

Our university has a two-semester system consisting of four quarters; Semester A divided in quarter 1 and 2, and semester B divided in quarter 3 and 4. You might want to check the overall time schedule and the [academic calendar](#) for the exact dates of the quarters and the examination periods in the academic year.

Prior knowledge:

Please pay attention to the fact that for some courses you will need prior knowledge. Look at [OSIRIS](#) (information) to see if you have sufficient prior knowledge. You can always send an email to the responsible lecturer if you are not sure if your prior knowledge is sufficient.

Availability of courses:

Of some courses the capacity is limited. As all courses are subject to availability, participation in a course can never be guaranteed. This means that even if we do approve your learning agreement, it may be possible that you need to alter your choices later. In due time accepted students will be notified when the online course registration in Osiris opens and closes for their semester, and they will be sent an e-mail with additional instructions. Note that the actual course registration in Osiris is the student's own responsibility. This will not be taken care of by TU/e.

The Department of Chemical Engineering and Chemistry is only responsible for those courses whose subject code starts with '6'; all the courses mentioned in the list above are available to exchange students, but we cannot guarantee that this will be the case for the courses of other departments. Consult [the exchange web pages of the other departments](#) to check which courses from the other departments are available to exchange students.

We don't mind if you attend one or two courses within another department. However, the main part of your studies should be followed within the Department of Chemical Engineering and Chemistry.

Please note: DBL and lab courses from the department of Chemical Engineering and Chemistry are not available for exchange students.

Research project / internships

If you want to do a research project for 3 months or more, first read the remarks concerning internships underneath:

- An internship/project within one of the [research groups](#) of the Chemical Engineering and Chemistry department is possible in case the academic contact person of the involved research group has given their approval.
- Note that in the unfortunate case that no research group can offer you a suitable project, nothing can be done at the department level; the department cannot force a research group to accept a particular student.
- In all cases, neither the receiving research group, nor our university, nor any other Dutch organization will pay expenses of the visiting student. A visiting student, who wishes to work at the TU/e, thus has to find all the funds that they need for travelling to/from Eindhoven and for living there in his/her own country. Only in case a visiting student will stay at the TU/e for a complete semester (according to the academic agenda) accommodation could be applied for. For other periods students need to look for accommodation themselves: [other ways to find accommodation in Eindhoven](#).
- Regardless of the status of an internship at your university and the fact that you will probably not attend theoretical courses during your stay at TU/e, you will be registered as an exchange student for the period of stay. Therefore you need to follow the same procedure of application as all other exchange students.

If an internship in our department is indeed what you are looking for, identify the [research group](#) that is the most attractive to you. Once you have identified this group, try to get into contact with the group directly, and see if you can agree on a suitable project. Please, send a request to **one** of the research groups of your interest, asking if they could accept you to work on a project. We ask you to send a letter of motivation together with your CV and a transcript of all courses you have taken at your home university. We would like to receive a copy of your request to the professor (Exchange.CEC@tue.nl). If you are accepted by one of our professors, you can apply for an exchange-program with our university.

Free movers

If you want to follow courses at TU/e, your exchange most likely takes place within the framework of a bilateral agreement between TU/e and your home institution. If such an agreement does not exist, you can apply as a free mover. However, in that case you have to pay tuition fee to TU/e for the period you are studying here.

Accommodation

TU/e can only guarantee housing for a very limited number of exchange students and for the fixed period of one or two semesters. You will be served on a 'first come, first served' basis. An application for housing can be filed in our online mobility tool as part of the exchange application. Students applying for housing will be put on a waiting list and will be informed in June (sem A applications) or December (sem B applications) whether their accommodation application has been successful.

In case the limit has been reached or you want to visit us for a deviating period, you need to look for short stay accommodation yourself, see also [other ways to find accommodation in Eindhoven](#).

Please note: finding accommodation in Eindhoven can be difficult and time-consuming. As most cities in the Netherlands, Eindhoven has a shortage in affordable student accommodations at the moment.

Visa applications

Information on residence permits and visa can be found [here](#). If you need a student visa to enter The Netherlands, this will be taken care of by our institutional international office. Students cannot do this themselves. TU/e will contact the student on this issue once his mobility application has been approved by TU/e.

Insurances

On this [page](#) you will find information about insurances that are compulsory by the Dutch government. It is the student's own responsibility to take care of the compelled insurances. It is therefore not necessary to send us any hard copies of the respective insurance policies.