

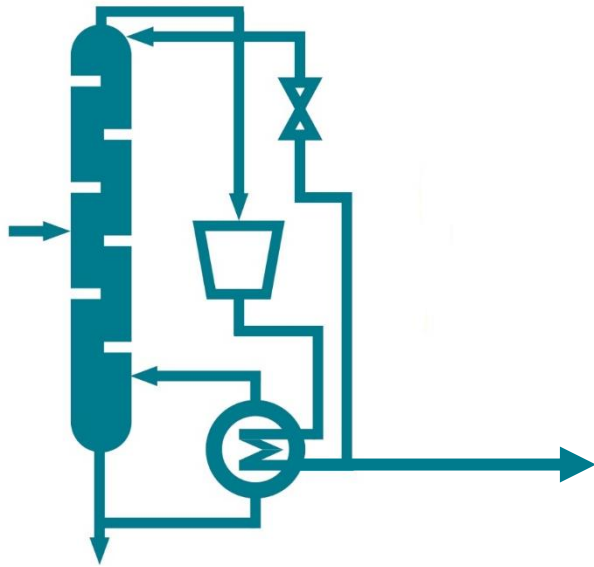


Hochschule
Kaiserslautern
University of
Applied Sciences

Angewandte
Ingenieurwissenschaften
Kaiserslautern



Decarbonisation Strategies in Process Engineering



Blended Intensive Programme (BIP)

Spring Semester 2025

Online Team Assignment:

24. Mar 2025 – 09. May 2025

Mobility Week:

12. May 2025 – 16. May 2025

Language: English

Awarded with 3 ECTS

Application from 7th to 12th January 2025

Assignment – Virtual phase

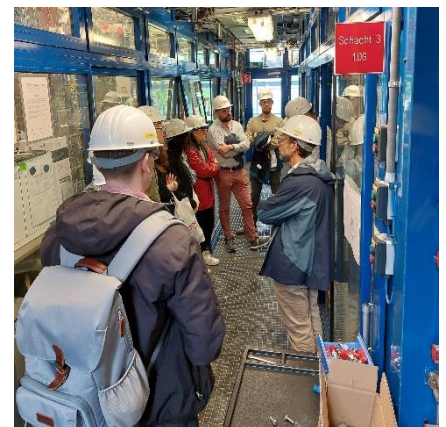
The process industry is one of the key industries in the implementation of the Green Deal. The high energy demand that their processes require and the associated CO₂ emissions make **decarbonisation of these industries a major challenge**. Participants will simulate and improve a process in international teams. The teamwork will take place via online tools using a **process-simulation software**.

Mobility week

Following the virtual phase, all participants will meet in person at Kaiserslautern University of Applied Sciences. Within five days spent together, the participants will present the results of their assignments and see the practical application of decarbonisation strategies by **visiting global chemical companies** in the region. Besides the industry, the region also has a lot to offer in terms of landscape and culture.

Preliminary programme includes

- Industry visits at major chemical companies: **BASF, Evonik, SULZER**.
- Lab day in our modern, state-of-the-art labs
- Keynotes
- Historical City Tours
- Outdoor Leisure Activities
- Social Events



SULZER



EVONIK
Leading Beyond Chemistry

Participating institutions

- Kaiserslautern University of Applied Sciences (organizing and receiving institution)
- University of Valladolid
- Turku University of Applied Sciences
- University of Padova
- Universitat Politècnica de Catalunya-BarcelonaTech



Funding

Participants are expected to obtain Erasmus+ Mobility grants from their home institutions.

Language

The language of the program will be English.

Accommodation

We have reserved accommodation at a special student's budget price. In this hotel all our visiting participants can stay in the same place.

About the organizing institution

Kaiserslautern University of Applied Sciences is a modern University for Applied Sciences and Design. Over 6,000 students and some 160 professors learn, teach, and research throughout five faculties at the Kaiserslautern Campus, the Pirmasens Campus, and the Zweibrücken Campus.

The Faculty of Applied Engineering offers Bachelor and Master programs in Mechanical and Electrical Engineering and related topics. It is situated at the Kaiserslautern Campus.

Contact (organizing institution)

Content

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Supported by:

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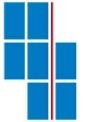
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the European Union

HOW TO APPLY?



UNIVERSITAT POLITÈCNICA DE CATALUNYA
BARCELONATECH

Barcelona East School of Engineering



Participants requirements

Students interested in participating in this call must meet one of the academic requirements specified below:

1. Must be enrolled in the Bachelor's Degree in Chemical Engineering at EEBE, must have successfully completed the course on Simulation and Optimization of Chemical Processes, and must be currently enrolled in or have already completed the course on Chemical Process Engineering
2. Must be enrolled in the Master's Degree in Chemical Engineering - Smart Chemical Factories at EEBE

Additionally, a B2 level of English certification, as per the Official Table endorsed by the Interuniversity Council of Catalonia (<https://www.upc.edu/slt/ca/certifica/taulacertificats#taula>), is required. If students are unable to provide B2 certification, an interview will be conducted to assess their proficiency at an equivalent B2 level (the interview schedule will be communicated to the candidates in a timely manner).

Criteria for students' selection

- Bachelor's candidates will be prioritized based on their academic record average (*nota expedient acadèmic*) issued by *Gestió Acadèmica*.
- Master's candidates will be prioritized based on their overall admission mark (*nota d'accés al Màster*) issued by *Gestió Acadèmica*.

In the event of a tie in prioritization, preference will be given to Bachelor's candidates, and to those who have academic transcripts with a lower number of repeated courses and higher performance coefficients (alpha).

Application deadline and procedure

1.- The application period is set from **7th to 12th January, 2025**.

****Keep in mind that on January 12th you may not know yet if you meet all the requirements, as the curriculum evaluation for 2024-1 will not have taken place, nor will the 2024-2 enrolment. However, if you still want to participate, go ahead and submit your application. But bear in mind that all the requirements must be met before the mobility.**

2.- Interested candidates must submit their applications through EEBE's **e-secretaria → mobilitat**.

3.- Submit also, if applicable, a copy of the English certificate via email to mobilitat.eebe@upc.edu or to the International Office mailbox (located in front of Gestió Acadèmica) during the application period. ****If you have previously submitted it to Gestió Acadèmica, please inform us to retrieve the documentation from your academic transcript.**

Fraudulent information in applications

Concealing data, providing falsified documentation, or omitting required documentation will lead to the denial of the requested scholarship or the revocation the granted scholarship. In the latter scenario, any improperly received funds will be reclaimed, irrespective of liabilities accrued.

Contact (UPC)

Content

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Organizational

International Office EEBE

mobilitat.eebe@upc.edu

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Universidad de Valladolid



TURKU AMK

TURKU UNIVERSITY OF
APPLIED SCIENCES



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DI PADOVA



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