

Decarbonisation Strategies in Process Engineering

Blended Intensive Programme

Summer Semester 2023

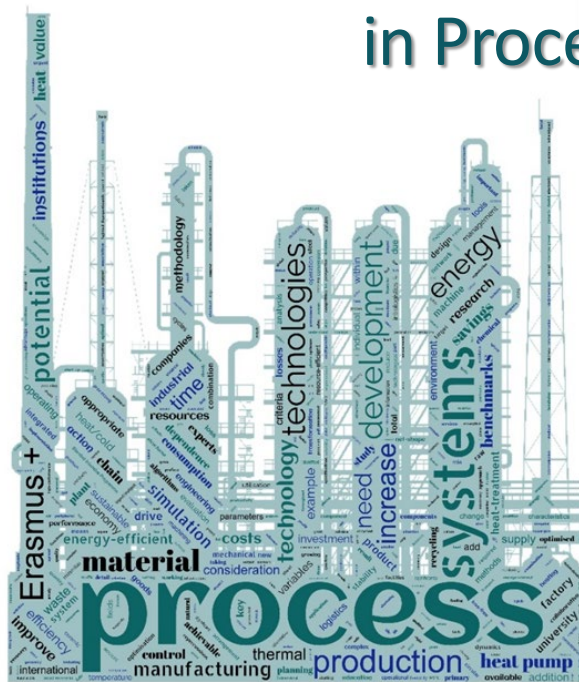
Online Team Assignment:

20. Mar 2023 – 12. May 2023

Mobility Week: 08. May 2023 – 12. May 2023

Language: English

Awarded with 3 ECTS



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.

Following the virtual phase, all participants will meet in person in Kaiserslautern. Within five days spent together, the participants will present their results and see the practical application of decarbonisation strategies by visiting global chemical companies in the region (e.g. BASF, Evonik).

Besides the industry, the region also has a lot to offer in terms of landscape and culture. Of course this is also taken into account in the excursion itinerary.

Programme Costs

No Tuition Fee, no further costs for participation in the programme and the excursions. Participants pay for their own travel expenses to Kaiserslautern, accommodation and food. We have reserved accommodation at a special student's budget price (approx. 20€/night) for all participants: [Have a look!](#) Participants are expected to obtain Erasmus+ Mobility grants from their home Institutions.

Preliminary Programme Includes

Industry visits at BASF, Evonik etc; Tour of a Vinyard, Historical City Tour, Keynote Speakers, Outdoor Leisure Activities, Social Events.

Participating Institutions

- Kaiserslautern University of Applied Sciences (Organiser and receiving institution)
- University of Valladolid
- Turku University of Applied Sciences
- Åbo Akademi (Turku)
- University of Padova

Who can apply?

Bachelor and Master students of Chemical or Process Engineering (or similar), please contact your home institution.

How to apply

Please contact your local faculty or international office. Participants will be nominated by their home institution.

Funding

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

Language

The language of the programme will be English. Recommended proficiency is B2.



About us

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.

All professors have more than five years experience outside the academic world. The Faculty of Applied Engineering offers Bachelor and Master programmes in Mechanical and Electrical Engineering and related topics. It is situated at the Kaiserslautern Campus.

Supported by:

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EVONIK
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We create chemistry

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Funded by:



Bundesministerium
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Deutscher Akademischer Austauschdienst
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Co-funded by
the European Union