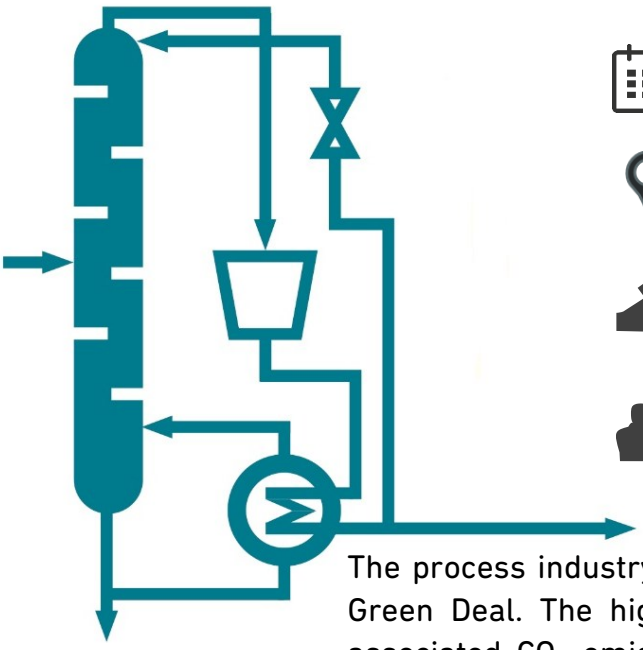
# Decarbonisation Strategies in Process Engineering

5th Edition

## Blended Intensive Programme – Summer Semester 2027



| | | |
|---|---|---|
| Virtual Phase | 15 Mar 2027 | - 09 May 2027 |
| Mobility Week | 10 May 2027 | - 14 May 2027 |
| Nomination until | 15 January 2027 | |
| Language | English | |

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 $CO_2$ emissions make decarbonisation of these industries a major challenge.

## Assignment – Virtual Phase

Participants will simulate and improve a real-world 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 our university in Kaiserslautern. They will present the results of their assignments and see the practical application of decarbonisation strategies by visiting global chemical companies and working together in our state-of-the-art labs. Besides the industry, the region also has a lot to offer in terms of landscape and culture.


Impression of 2023

Kaiserslautern University of Applied Sciences
Faculty of Applied Engineering

Schoenstr. 11
67659 Kaiserslautern
Germany
www.hs-kl.de

Co-funded by the European Union

# Participating Institutions

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


# Who can apply?

Bachelor and Master students of Chemical or Process Engineering (or similar) with a good basic understanding of thermodynamics and distillation columns.

# 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.

# Accommodation

Participants are responsible for arranging their own accommodation during the mobility week.

# Contact

**Content**
**Prof. Dr.-Ing. Victor López López**

Professor for Process Engineering,
Department International Coordinator
victor.lopez@hs-kl.de
Tel: +(49) 631 3724 2304

**Organisational**
**Christiane Heine**

christiane.heine@hs-kl.de
Tel: +(49) 631 3724 2661

Erasmus+
Enriching lives, opening minds.

# Why Kaiserslautern?

- Strong focus on engineering and applied sciences
- Close links to the chemical and process industry
- Modern laboratories
- Excellent learning environment
- Central location in Europe with unique quality of life

Supported by: SULZER · BASF We create chemistry · Berkel Lösungen in Alkohol · EVONIK Leading Beyond Chemistry

Kaiserslautern University of Applied Sciences
Faculty of Applied Engineering

Schoenstr. 11
67659 Kaiserslautern
Germany
www.hs-kl.de

Co-funded by the European Union