# Material Driven Design Lab

## How can material selection and product design contribute to a more sustainable future?

Join engineering and design students from across Europe for an international learning experience focused on sustainable product development and the circular economy. Working in interdisciplinary and international teams, you will explore real challenges faced by industry, apply engineering and design methods, and develop solutions that consider the entire product life cycle.

### During the course you will

- Work on real industry challenges in international and interdisciplinary teams
- Explore how material selection and product design influence sustainability
- Apply engineering principles and design methods to develop solutions
- Examine how legislation, standards and material choices contribute to a circular economy
- Present and discuss your project results with international peer

### What is included?

- Online lectures , seminars, workshops, laboratory activities and practical work
- 1 dinner and 2 lunches
- Supervision and international teamwork
- Study visits and engagement with industry challenges
- Travel and accommodation are not included but may be covered by Erasmus+ funding through your home university

### How to join?

Student nominations should be sent to: exchange@hh.se

### Benefits

Develop your ability to approach engineering and design challenges from different perspectives while gaining practical experience in international teamwork. You will strengthen your understanding of sustainable product development, connect theoretical knowledge with real industry challenges, and develop skills in problem solving, communication and interdisciplinary collaboration.

### Practical information

**Target audience**: students
**Academic discipline**: Engineering or design
**Level of study**: bachelor 3 year or master level
**Language**: English
**ECTS**: 3 ECTS

### Important dates

**On site period**: 15 – 19 February 2027
**Online period:** 8 – 12 February + 22 – 26 February, 2027

**Deadline for application**: December 22, 2027

HALMSTAD UNIVERSITY

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