

## Project for international students

### Objective

The objective of this project for international exchange students is to enable them to apply theoretical knowledge around a concrete research and development problem in engineering. The topic is defined after discussions with the professors at ENSEM.

### Learning outcomes

Research and analytical skills,

Problem solving,

Technical proficiency,

Communication skills,

Cultural competence, adaptability, networking

In case of group work: team working skills

### Pre requisites:

Good command of the English language, both written and spoken

Definition of a project area

Preliminary online interviews may be conducted with the student and professors from the partner university.

### Program

Students may work individually or in groups (depending on what is requested and accepted by the partner university) to meet the specifications of the study.

The project can be either a 6 ECTS project (80h) or a 25 ECTS project (300h) to meet the requirements of the home university.

### Content:

Orientation and introduction (overview of the project and expectations)

Literature review

Defining objectives and hypotheses

Research implementation (data collection, regular check-ins and progress report)

Data analysis

Reporting on results

Final presentation and evaluation

### Evaluation

Evaluation of progress reports (1/3), final report (1/3) and presentation (1/3)

Grading criteria: thoroughness of the literature review, quality of the research proposal, rigor in working on the project, depth of data analysis, effectiveness of communication

Evaluation of progress reports, final report and presentation

From 80h (6 ECTS) to 300h (25 ECTS)