

Exchange- programme

Qualification awarded

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Length of the programme

6 months

ECTS credits

30

Level of qualification

Bachelor

Mode

Full-time

Language

English

School

Institute of Engineering

Locations

Groningen

Exchange Energy & Power Electronics (autumn)

Profile of the programme

This exchange programme is offered in semester 1, starting September

Learning outcomes

Student will learn during the minor all facets of electronic circuits and methods for energy infrastructure, energy networks and modern energy challenges such as solar, wind, batteries and other renewable energy sources. It will include:

- Designing and analyzing electrical networks and components for modern grids or other applications, such as high-power drive systems.
- Group projects aimed at practical design solutions.

Programme

Exchange Energy & Power Electronics (autumn)
credits

Energy & Power Electronics	30
▫ ELVB25FEPE - Fundamentals of Energy & Power Electronics	5
▫ ELVB25EEI - Elements of Energy Infrastructure	5
▫ ELVB25PSD - Power System Design	5
▫ ELVB25PE - Power Electronics	5
▫ ELVB25PQE - Power Quality & EMC	5
▫ ELVB25PEPE - Project Energy & Power Electronics	5