

Exchange- programma

Toegekend diploma

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Programmaduur

6 maanden

ECTS credits

30

Niveau eindkwalificatie

Bachelor

Vorm

Voltijd

Taal

Engels

School

Instituut voor Engineering

Locaties

Groningen

Exchange Energy & Power Electronics (autumn)

Programmabeschrijving

This exchange programme is offered in semester 1, starting September

Leeruitkomsten

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.

Programma

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