# Vak: Specialisation Grid Integration (Zaragoza) credits: 30

| | | | |
|---|---|---|---|
| **Vakcode** | RWVM23SGI | **Werkvormen** | Onderwijs |
| **Naam** | Specialisation Grid Integration (Zaragoza) | **Toetsen** | Spec. Grid Integrat. - Overige toetsing |
| **Studiejaar** | 2026-2027 | | |
| **ECTS credits** | 30 | | |
| **Taal** | Engels | | |
| **Coördinator** | H.M. Moesker | | |

**Leeruitkomsten**

Students must select between the following subjects to complete the 30 ECTS of the specialisation programme:

- Photovoltaic power systems (3.0 ECTS)
- Power Generation and control in wind energy systems (6.0 ECTS)
- Smart grids and electric mobility (6.0 ECTS)
- Protection systems in smart grids (3.0 ECTS)
- Power quality in Electric Power Systems with renewable generation (3.0 ECTS)
- Renewable energy impact in electric power systems (6.0 ECTS)
- Optimisation of hybrid generation systems with renewable sources (3.0 ECTS)
- Energy markets (6.0 ECTS)

**Inhoud**

This specialisation teaches students to develop innovative solutions in the field of energy by studying Electric Power Systems and Power Electronics, Distributed Energy Resources, Storage Technologies, Control Techniques, Standards and Electric Markets.

**Opgenomen in opleiding(en)**

European Master in Renewable Energy

**School(s)**

Engineering, Life Sciences & ICT

share your talent. move the world.

De ECTS onderwijscatalogus van de Hanzehogeschool Groningen wordt met de grootst mogelijke zorg samengesteld. Het is echter mogelijk dat de inhoud van de catalogus -en de daarin vervatte informatie- verouderd, incompleet of onjuist is. Aan de inhoud van de catalogus kunnen dan ook geen rechten worden ontleend.