

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