Course: Specialisation Grid Integration (Zaragoza) credits: 30

Course code	RWVM23SGI
Name	Specialisation Grid Integration (Zaragoza)
Study year	2026-2027
ECTS credits	30
Language	English
Coordinator	H.M. Moesker
Modes of delivery	Education
Assessments	Specialisation Grid Integration - Other assessment

Learning outcomes

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)

Content

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.

Included in programme(s)

European Master in Renewable Energy

School(s)

Engineering, Life Sciences & ICT

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