

## Course: Specialisation Ocean Energy (Lisbon)

credits: 30

<b>Course code</b>	ZVWH2SOE	<b>Modes of delivery</b>	Education
<b>Name</b>	Specialisation Ocean Energy (Lisbon)	<b>Assessments</b>	Specialisation Ocean Energy (Lisbon) - Other assessment
<b>Study year</b>	2022-2023		
<b>ECTS credits</b>	30		
<b>Language</b>	English		
<b>Coordinator</b>	C.B. Vogt		

### Learning outcomes

General learning outcomes for the specialization semester

### Content

*No content available*

The specialization semester is organized to provide the students with sufficient technical knowledge on Ocean Renewable Energy while also providing them with a good grounding in the role of marine renewables in the energy sector.

- Sound understanding of the role of marine renewable energy technologies in the energy sector
- Basic technical knowledge on the different marine renewable energy technologies that are and will be contributing to energy supply covering the following aspects :
  - o evaluation of the resource
  - o conversion process
  - o performance of systems in operation
  - o tools for simulation and design
- Ability to make an economic evaluation of the profitability and competitiveness of marine renewable energy projects.

### Included in programme(s)

European Master in Renewable Energy

### School(s)

Institute of Engineering

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