

## Course: Thesis Research Project

credits: 30

<b>Course code</b>	ZWVH17THP	<b>Modes of delivery</b>	Graduation project
<b>Name</b>	Thesis Research Project	<b>Assessments</b>	Thesis Research Project - Other assessment
<b>Study year</b>	2021-2022		
<b>ECTS credits</b>	30		
<b>Language</b>	English		
<b>Coordinator</b>	C.B. Vogt		

### Learning outcomes

The graduate is able to demonstrate that s/he is competent to use a range of applied research methods and techniques independently:

1. to formulate a problem definition, employ specific research and analysis methods and plan and conduct research on real-life non-routine problems.
2. to translate a practical problem into questions in terms of a conceptual model, to collect relevant data and to translate the outcomes of the model into answers to the original problem.
3. to apply appropriate scientific methods and techniques, mathematics, economics and other sciences in energy systems design.
4. to communicate findings in both written and oral form in English to the problem owner and other relevant stakeholders.
5. to display a reflective attitude (investigative, critical) towards the possibilities and limitations of the scientific methods used and the development of a body of knowledge and, based on that attitude, make meaningful contributions to the energy debate.

### Content

Renewable Energy Research

### Included in programme(s)

European Master in Renewable Energy

### School(s)

Institute of Engineering