

# Course of Study Energy Systems (Study Cohort w22)

Sample course plan D Master Energy Systems (ENTMS) Dual study program

Core Qualification Compulsory	Specialisation Compulsory	Focus Compulsory	Thesis Compulsory
Core Qualification Elective Compulsory	Specialisation Elective Compulsory	Focus Elective Compulsory	Interdisciplinary complement

Specialisation Marine Engineering				
1	<b>Practical module 1 (dual study program, Master's degree)</b> Practical term 1 0	<b>Practical Course Energy Systems</b> Practical Course Energy Systems PR 6	<b>Project Work Energy Systems</b>	<b>Master thesis (dual study program)</b>
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11	<b>Marine Power Engineering</b> Electrical Installation on Ships VL 2 Electrical Installation on Ships HÜ 1 Marine Engineering VL 2 Marine Engineering HÜ 1	<b>Practical module 2 (dual study program, Master's degree)</b> Practical term 2 0	<b>Practical module 3 (dual study program, Master's degree)</b> Practical term 3 0	
12				
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15	<b>Control Systems Theory and Design</b> Control Systems Theory and Design VL 2 Control Systems Theory and Design GÜ 2	<b>Marine Diesel Engine Plants</b> Marine Diesel Engine Plants VL 3 Marine Diesel Engine Plants HÜ 1		
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21	<b>Maritime Technology and Offshore Wind Parks</b> Introduction to Maritime Technology VL 2 Offshore Wind Parks VL 2 Introduction to Maritime Technology GÜ 1	<b>Numerical Methods for Ordinary Differential Equations</b> Numerical Treatment of Ordinary Differential Equations VL 2 Numerical Treatment of Ordinary Differential Equations GÜ 2	<b>Seminar Energy Systems</b> Seminar Energy Systems SE 6	
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27	<b>Selected Topics of Marine Engineering - Option A (part 1)</b> Selection from a catalog	<b>Selected Topics of Marine Engineering - Option A (part 2)</b> Selection from a catalog	<b>Thermal Energy Systems</b> Thermal Energy Systems VL 3 Thermal Energy Systems HÜ 1	
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31	<b>Turbomachinery</b> Turbomachines VL 3 Turbomachines HÜ 1			
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Business & Management (from catalogue) - 6LP				
Linking theory and practice (dual study program, Master's degree) (from catalogue) - 6LP				

The choice of courses from the catalogue is flexible (depends on the semestral work load), provided the necessary number of required credits is reached.

