

# Course of Study Energy Systems (Study Cohort w23)

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>
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7	<b>Practical module 2 (dual study program, Master's degree)</b> Practical term 2 0		
8			
9			
10			
11	<b>System Simulation</b> System Simulation Modul VL 2 System Simulation Modul HÜ 2		<b>Practical module 3 (dual study program, Master's degree)</b> Practical term 3 0
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17	<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>Marine Diesel Engine Plants</b> Marine Diesel Engine Plants VL 3 Marine Diesel Engine Plants HÜ 1	
18			
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22	<b>Control Systems Theory and Design</b> Control Systems Theory and Design VL 2 Control Systems Theory and Design GÜ 2	<b>Selected Topics of Marine Engineering - Option A (part 2)</b> Selection from a catalog	<b>Seminar Energy Systems</b> Seminar Energy Systems SE 6
23			
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28	<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>Turbomachinery</b> Turbomachines VL 3 Turbomachines HÜ 1	<b>Thermal Energy Systems</b> Thermal Energy Systems VL 3 Thermal Energy Systems HÜ 1
29			
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34	<b>Selected Topics of Marine Engineering - Option A (part 1)</b> Selection from a catalog		
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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.

