

# Course of Study Energy Systems (Study Cohort w22)

Sample course plan B 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 Energy Systems			
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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11	<b>Thermal Energy Systems</b> Thermal Energy Systems VL 3 Thermal Energy Systems HÜ 1	<b>Practical module 2 (dual study program, Master's degree)</b> Practical term 2 0	<b>Master thesis (dual study program)</b>
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17	<b>Fluid Mechanics and Ocean Energy</b> Fluid Mechanics II VL 2 Energy from the Ocean VL 2	<b>Use of Solar Energy</b> Solar Power Generation VL 2 Energy Meteorology VL 1 Energy Meteorology GÜ 1 Collector Technology VL 2	<b>Practical module 3 (dual study program, Master's degree)</b> Practical term 3 0
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22	<b>Vibration Theory</b> Vibration Theory IV 4	<b>Marine Diesel Engine Plants</b> Marine Diesel Engine Plants VL 3 Marine Diesel Engine Plants HÜ 1	<b>Seminar Energy Systems</b> Seminar Energy Systems SE 6
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26	<b>Electrical Power Systems I: Introduction to Electrical Power Systems</b> Electrical Power Systems I: Introduction to Electrical Power Systems VL 3 Electrical Power Systems I: Introduction to Electrical Power Systems GÜ 2	<b>Turbomachinery</b> Turbomachines VL 3 Turbomachines HÜ 1	<b>Selected Topics of Energy Systems - Option A (part 2)</b> Selection from a catalog
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30	<b>Selected Topics of Energy Systems - 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.

