Course of Study Energy Systems (Study Cohort w17)

Sample	course plan A. Master Energy Systems (ENT	MS)					Legend:				
Special	isation Energy Systems	1010)					Core qualification Compulsory	Specialisatio	n Compulsory	Focus Compulsory	Thesis Compulsory
opoola							Core qualification Elective Compulsory	Specialisatio Compulsory	n Elective	Focus Elective Compulsory	Interdisciplinary complement
LP	Semester 1	Form Hrs/	wkSemester 2	Form H	lrs/w	Semest	er 3		Form Hrs/w	Semester 4	Form Hrs/wk
1 2 3 4 5 6	Practical Course Energy Systems Practical Course Energy Systems	FL 6	Combined Heat and Power and Combust Technology Combined Heat and Power and Combustio Technology Combined Heat and Power and Combustio Technology	stion on VL on HÜ	3 1	Project	Work Energy Systems			Master Thesis	
7 8 9 10 11 12	Thermal Engineering Thermal Engineering Thermal Engineering	VL 3 HÜ 1	Turbomachinery Turbomachines Turbomachines	VL HÜ	3 1						
13 14 15 16 17 18	Finite Elements Methods Finite Element Methods Finite Element Methods	VL 2 HÜ 2	Computational Fluid Dynamics II Computational Fluid Dynamics II Computational Fluid Dynamics II	VL HÜ	2 2	Innova Applicat Researd Applicat Researd	tive CFD Approaches ion of Innovative CFD Met th and Development ion of Innovative CFD Met ch and Development	hods in hods in	VL 2 UE 2		
19 20 21 22 23 24	Aircraft Systems I Aircraft Systems I Aircraft Systems I	VL 3 HÜ 2	Air Conditioning Air Conditioning Air Conditioning	VL HÜ	3 1	Aircraft Aircraft Aircraft	t Cabin Systems Cabin Systems Cabin Systems		VL 3 HÜ 1		
25 26 27 28 29 30	Marine Power Engineering Electrical Installation on Ships Electrical Installation on Ships Marine Engineering Marine Engineering	VL 2 HÜ 1 VL 2 HÜ 1									
	Business & Management (from catalogue) - 6LP										
	Nontechnical Elective Complementary Courses for Master (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.