Course of Study Theoretical Mechanical Engine Study Science Study Cohorter w19) est computer of Study Science Study Science Study Science Study Science Study Science Study Science Sc

Sample	course plan A Master Theoretical Mechanic	al Engi	neer	inges(TMBMS) Form	Hrs/	wk	Semester 3 Form Hr:	lrs/wk	Semester 4	Form Hrs/wk
1	Finite Elements Methods			Numerical Treatment of Ordinary Differential Equations			Research Project Theoretical Mechanical Engineering		Master Thesis	
2	Finite Element Methods	VL 2		Numerical Treatment of Ordinary Differential Equations VL	2	_				
3	Finite Element Methods	HŪ 2		Numerical Treatment of Ordinary Differential Equations GÜ	2					
4										
5										
6										
7	Control Systems Theory and Design			Applied Dynamics: Numerical and experimental methods						
8		VL 2		Applied Dynamics VL	2					
9	Control Systems Theory and Design	GÜ 2		Lab Applied Dynamics PR	3					
10										
11										
12										
13	Modelling and Optimization in Dynamics			Computational Fluid Dynamics II						
14	Flexible Multibody Systems	VL 2		Computational Fluid Dynamics II VL Computational Fluid Dynamics II HÜ	2					
15	Optimization of dynamical systems	VL 2		Computational Fluid Dynamics II HÜ	2					
16										
17										
18										
19	Control Lab C			Linear and Nonlinear System Identifikation						
20	Control Lab VII	PR 1 PR 1		Linear and Nonlinear System Identification VL	2	-				
21	Control Lab VIII Control Lab IX	PR 1 PR 1								
22				Design optimization and probabilistic approaches in structural analysis						
23				Design Optimization and Probabilistic Approaches in Structural Analysis VL	2					
24				Design Optimization and Probabilistic Approaches in Structural Analysis HÜ	2					
25										
26										
27										
28										
29										
30										
	Business & Management (from catalogue) - 6LP									
	Non-technical Courses for Master (from catalogue) - 6LF	þ								

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