Course of Study Theoretical Mechanical Engineering (Study Cohort w17)

Sample course plan A Master Theoretical Mechanical Engineering (TMBMS) S

Legend:

Core qualification Compulsory Specialisation Compulsory Focus Compulsory Thesis Compulsory Core qualification Elective Compulsory Specialisation Elective Compulsory Specialisation Elective Compulsory Focus Elective Compulsory Interdisciplinary complement	ample course plan A Master Theoretical Mechanica	al Engineering	(TMBMS)			Legena.			
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Appendix Systems Theory and Design VL 2 Papendix Dynamics VL 2 Applied Dynamics VL 2 Papendix Dynamics VL 2	Finite Element Methods		Equations Numerical Treatment of Ordinary Differential Equations Numerical Treatment of Ordinary Differential	VL		-	<i>l</i> echanical	Master Thesis	
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61 Linear and Nonlinear System Identifikation 7 Linear and Nonlinear System Identification VL 2 8 Biol II: Artificial Joint Replacement Houst State Artificial Joint Replacement 0 Business & Management (from catalogue) - 6LP VL 2	Control Lab C Control Lab VII Control Lab VII Control Lab VIII Control Lab IX BIO II: Biomaterials Biomaterials	PR 1 PR 1	Computational Fluid Dynamics II		2	Microsystem Engineering			
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Nontechnical Elective Complementary Courses for Master (from catalogue) - 6LP	Business & Management (from catalogue) - 6	6LP							
	Nontechnical Elective Complementary Cours	es 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.