Course of Study Computational Science and Engineering (Study Cohort w20)

ple course plan D Master Computati			. 11 12		Core Qualification Compulsory	Specialisation Compuls		Focus Compulsory	Thesis Compulsory
cialisation I. Computer Science, Spec	ialisation II. Enginee	ring Science, Specialisation III. Ma	athematics,		Core Qualification Elective Compulsory	Specialisation Elective	Compulsory	Focus Elective Compulsory	Interdisciplinary complement
cialisation IV. Subject Specific Focus									
Software Verification		Design of Dependable Systems		Research Project			Master Th	esis	
Software Verification	VL 2	Designing Dependable Systems	VL 2	Research Project IIW		PK 8			
Software Verification	GÜ 2	Designing Dependable Systems	GÜ 2						
Software Security		Numerical Mathematics II							
Software Security	VL 2	Numerical Mathematics II	VL 2						
Software Security	GÜ 2	Numerical Mathematics II	GÜ 2						
Linear and Nonlinear Optimization				Digital Signal Processing and	Digital Filters				
Linear and Nonlinear Optimization	VL 4			Digital Signal Processing and Digi		VL 3			
Linear and Nonlinear Optimization	HŪ 1			Digital Signal Processing and Digi	tal Filters	HŪ 2			
				Control Systems Theory and Desi		VL 2			
				Control Systems Theory and Desi		GÜ 2			
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Business & Management (from catalogue)									
Non-technical Courses for Master (from ca									
Technical Complementary Course II for Co	mputational Science and	Engineering - 12LP							

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