Course of Study Computer Science (Study Cohort w14)

Sample course plan T Master Computer Science (CSMS)
Specialisation Computer and Software Engineering
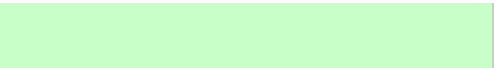
LP	Semester 1	Form	Hrs/wk	Semester 2	Form	Hrs/wk	Semester 3	Form	Hrs/wk	Semester 4	Form	Hrs/wk
1	**Quantitative Methods - Statistics and Operations Research**			**Information Theory and Coding**			**Research Project and Seminar**			**Master Thesis**		
2	Quantitative Methods - Statistics and Operations Research	POL	3	Information Theory and Coding	VL	3	Seminar	SE	2			
3	Quantitative Methods - Statistics and Operations Research	VL	2	Information Theory and Coding	HÜ	1						
4	Research											
5												
6												
7	**Numerical Mathematics II**			**Embedded Systems**								
8	Numerical Mathematics II	VL	2	Embedded Systems	VL	2						
9	Numerical Mathematics II	UE	2	Embedded Systems	UE	2						
10												
11												
12												
13	**Communication Networks I - Analysis and Structure**			**Communication Networks II - Simulation and Modeling**								
14	Analysis and Structure of Communication Networks	VL	2	Simulation and Modelling of Communication Networks	POL	5						
15	Communication Networks Excercise	POL	1									
16	Selected Topics of Communication Networks	POL	2									
17												
18												
19	**Distributed Algorithms**			**Software for Embedded Systems**			**Traffic Engineering**					
20	Distributed Algorithms	VL	2	Software for Embdedded Systems	VL	2	Traffic Engineering	VL	2			
21	Distributed Algorithms	HÜ	2	Software for Embdedded Systems	UE	3	Traffic Engineering Exercises	UE	1			
22							Seminar Traffic Engineering	SE	2			
23												
24												
25							**Advanced System on Chip Design (Lab)**					
26							Advanced System on Chip Design	POL	3			
27												
28												
29												
30												
31							**CMOS Nanoelectronics with Practice**					
32							CMOS Nanoelectronics	VL	2			
33							CMOS Nanoelectronics	UE	1			
34							CMOS Nanoelectronics	PR	2			

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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.