Course of Study Computer Science (Study Cohort w15)

Sample course plan T Master Computer Science (CSMS)
Specialisation Computer and Software Engineering
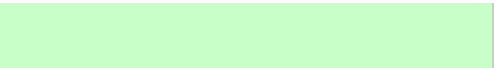
LP	Semester 1	Form	Hrs/wk	Semester 2	Form	Hrs/wk	Semester 3	Form	Hrs/wk	Semester 4	Form	Hrs/wk
1	**Efficient Algorithms**			**Nonlinear Optimization**			**Research Project and Seminar**			**Master Thesis**		
2	Efficient Algorithms	VL	2	Nonlinear Optimization	VL	3	Seminar	SE	2			
3	Efficient Algorithms	UE	2	Nonlinear Optimization	UE	1						
4												
5												
6												
7	**Numerical Mathematics II**			**Communication Networks II - Simulation and Modeling**								
8	Numerical Mathematics II	VL	2	Simulation and Modelling of Communication Networks	POL	5						
9	Numerical Mathematics II	UE	2									
10												
11												
12												
13	**Communication Networks I - Analysis and Structure**			**Software for Embedded Systems**								
14	Analysis and Structure of Communication Networks	VL	2	Software for Embdedded Systems	VL	2						
15	Communication Networks Excercise	POL	1	Software for Embdedded Systems	UE	3						
16	Selected Topics of Communication Networks	POL	2									
17												
18												
19	**Distributed Algorithms**			**Compilers for Embedded Systems**			**Traffic Engineering**					
20	Distributed Algorithms	VL	2	Compilers for Embedded Systems	VL	3	Traffic Engineering	VL	2			
21	Distributed Algorithms	HÜ	2	Compilers for Embedded Systems	FL	1	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.