

Course of Study Computer Science (Study Cohort w14)

Sample course plan S Master Computer Science (CSMS)
Specialisation Computer and Software Engineering

Legend:

Core qualification Compulsory	Specialisation Compulsory	Focus Compulsory	Thesis Compulsory
Core qualification Elective	Specialisation Elective	Focus Elective Compulsory	Interdisciplinary complement
Compulsory	Compulsory		

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			Computer Graphics and Animation			Research Project and Seminar			Master Thesis		
2	Quantitative Methods - Statistics and Operations Research	POL	3	Computer Graphics and Animation	VL	2	Research Project Work		2			
3	Quantitative Methods - Statistics and Operations Research	VL	2	Computer Graphics and Animation	PS	2	Seminar	SE	2			
4												
5												
6												
7	Efficient Algorithms			High-Performance Computing								
8	Efficient Algorithms	VL	2	Fundamentals of High-Performance Computing	VL	2						
9	Efficient Algorithms	UE	2	Fundamentals of High-Performance Computing	POL	2						
10												
11												
12												
13	Software Verification			Software Analysis								
14	Software Verification	VL	2	Software Analysis	VL	2						
15	Software Verification	UE	2	Software Analysis	UE	2						
16												
17												
18												
19	Distributed Algorithms			Network Security			The Computational Web					
20	Distributed Algorithms	VL	2	Network Security	VL	3	The Computational Web	VL	2			
21	Distributed Algorithms	HÜ	2	Network Security	UE	2	The Computational Web	PS	2			
22												
23												
24												
25							Software Security					
26							Software Security	VL	2			
27							Software Security	UE	2			
28												
29												
30												

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.