Course of Study Computer Science (Study Cohort w17)

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 Compulsory	Specialisation Elective Compulsory	Focus Elective Compulsory	Interdisciplinary complement

LP	Semester 1	Form	Hrs/wk	Semester 2	Form	Hrs/wk	Semester 3	Form	Hrs/wk	Semester 4	Form	Hrs/wk
1	**Algorithmic Algebra**			**Computer Graphics**			**Research Project and Seminar**			**Master Thesis**		
2												
3	Algorithmic Algebra	VL	3	Computer Graphics	VL	2	Seminar	SE	2			
4	Algorithmic Algebra	UE	1	Computer Graphics	UE	2	Project Work	PK	10			
5												
6												
7	**Software Verification**			**Network Security**								
8												
9	Software Verification	VL	2	Network Security	VL	3						
10	Software Verification	UE	2	Network Security	UE	2						
11												
12												
13	**Soft Computing**			**Software Testing**								
14												
15	Soft Computing	VL	4	Software Testing	VL	2						
16				Software Testing	PBL	2						
17												
18												
19				**Cryptography**			**Software Analysis**					
20												
21				Cryptography	VL	2	Software Analysis	VL	2			
22				Cryptography	UE	2	Software Analysis	UE	2			
23												
24												
25				**Codes and Cryptosystems**			**Software Security**					
26												
27				Codes and Cryptosystems	VL	4	Software Security	VL	2			
28							Software Security	UE	2			
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.