

Course of Study Computer Science (Study Cohort w17)

Sample course plan B Master Computer Science (CSMS)
Specialisation Intelligence 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	Scientific Computing and Accuracy		Pattern Recognition and Data Compression		Research Project and Seminar		Master Thesis	
2	Verification Methods	VL 2	Pattern Recognition and Data Compression	VL 4	Seminar	SE 2		
3	Verification Methods	UE 2			Project Work	PK 10		
4								
5								
6								
7	Digital Image Analysis		Information Theory and Coding					
8	Digital Image Analysis	VL 4	Information Theory and Coding	VL 3				
9			Information Theory and Coding	HÜ 1				
10								
11								
12								
13	Digital Communications		Numerical Mathematics II					
14	Digital Communications	VL 2	Numerical Mathematics II	VL 2				
15	Digital Communications	HÜ 1	Numerical Mathematics II	UE 2				
16	Laboratory Digital Communications	PR 1						
17								
18								
19	Digital Signal Processing and Digital Filters				3D Computer Vision			
20	Digital Signal Processing and Digital Filters	VL 3			3D Computer Vision	VL 2		
21	Digital Signal Processing and Digital Filters	HÜ 1			3D Computer Vision	UE 2		
22								
23								
24								
25	Mathematical Image Processing				Numerical Methods for Medical Imaging			
26	Mathematical Image Processing	VL 3			Numerical Methods for Medical Imaging	VL 2		
27	Mathematical Image Processing	UE 1			Numerical Methods for Medical Imaging	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.