

Course of Study Computer Science in Engineering (Study Cohort w22)

Sample course plan M Master Computer Science in Engineering (IIWMS)
 Specialisation I. Computer Science, Specialisation II. Engineering Science, Specialisation III. Mathematics,
 Specialisation IV. Subject Specific Focus

Legend:

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

Year	Semester 1	Semester 2	Semester 3	Semester 4
	Form	Hrs/wk	Form	Hrs/wk
1	Software Verification		Intelligent Systems Lab	
2	Software Verification	VL 2	Intelligent Systems Lab	PBL 6
3	Software Verification	GÜ 2		
4				
5				
6				
7	Security of Cyber-Physical Systems		Numerical Mathematics II	
8	Security of Cyber-Physical Systems	VL 2	Numerical Mathematics II	VL 2
9	Security of Cyber-Physical Systems	GÜ 2	Numerical Mathematics II	GÜ 2
10				
11				
12				
13	Digital Communications			
14	Digital Communications	VL 2		
15	Digital Communications	HÜ 2		
16	Laboratory Digital Communications	PR 1		
17				
18				
19	Mathematical Image Processing			
20	Mathematical Image Processing	VL 3		
21	Mathematical Image Processing	GÜ 1		
22				
23				
24				
25				
26				
27				
28				
29				
30				
Business & Management (from catalogue) - 6LP				
Non-technical Courses for Master (from catalogue) - 6LP				
Technical Complementary Course II for Computational Science and Engineering - 12LP				
Technical Complementary Course I for Computational Science and Engineering - 12LP				

The choice of courses from the catalogue is flexible (depends on the semestral work load), provided the necessary number of required credits is reached.

