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

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

LP	Semester 1	Form	Hrs/wk	Semester 2	Form	Hrs/wk	Semester 3	Form	Hrs/wk	Semester 4	Form	Hrs/wk
1	**Practical module 1 (dual study program, Master's degree)**			**Practical module 2 (dual study program, Master's degree)**			**Research Project**			**Master thesis (dual study program)**		
2	Practical term 1		0	Practical term 2		0	Research Project IIW	PK	8			
3												
4												
5												
6												
7												
8												
9												
10												
11	**Software Verification**			**Intelligent Systems Lab**								
12	Software Verification	VL	2	Intelligent Systems Lab	PBL	6						
13	Software Verification	GÜ	2				**Practical module 3 (dual study program, Master's degree)**					
14							Practical term 3		0			
15												
16												
17	**Security of Cyber-Physical Systems**			**Numerical Mathematics II**								
18	Security of Cyber-Physical Systems	VL	2	Numerical Mathematics II	VL	2						
19	Security of Cyber-Physical Systems	GÜ	2	Numerical Mathematics II	GÜ	2						
20												
21												
22												
23	**Digital Communications**						**Medical Imaging**					
24	Digital Communications	VL	2				Medical Imaging	VL	2			
25	Digital Communications	HÜ	2				Medical Imaging	GÜ	2			
26	Laboratory Digital Communications	PR	1									
27												
28												
29	**Mathematical Image Processing**											
30	Mathematical Image Processing	VL	3									
31	Mathematical Image Processing	GÜ	1									
32												
33												
34												

Business & Management (from catalogue) - 6LP

Linking theory and practice (dual study program, Master's degree) (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.