Course of Study Computer Science (Study Cohort w22)

Sample course plan B Master Computer Science (CSMS) Dual study program
Specialisation I. Computer and Software Engineering, Specialisation II: Intelligence Engineering, Specialisation III. Mathematics, Specialisation IV. Subject Specific Focus

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1	**Practical module 1 (dual study program, Master's degree)**			**Practical module 2 (dual study program, Master's degree)**			**Research Project Computer Science**	
2	Practical term 1		0	Practical term 2		0	Research Project Computer Science	PK	8
3							
4							
5							
6							
7							
8							
9							
10							
11	**Software Verification**			**Computer Graphics**			
12	Software Verification	VL	2	Computer Graphics	VL	2	
13	Software Verification	GÜ	2	Computer Graphics	GÜ	2	**Practical module 3 (dual study program, Master's degree)**
14							Practical term 3		0
15							
16							
17	**Intelligent Autonomous Agents and Cognitive Robotics**			**Design of Dependable Systems**			
18	Intelligent Autonomous Agents and Cognitive Robotics	VL	2	Designing Dependable Systems	VL	2	
19	Intelligent Autonomous Agents and Cognitive Robotics	GÜ	2	Designing Dependable Systems	GÜ	2	
20							
21							
22							
23	**Linear and Nonlinear Optimization**			**Machine Learning and Data Mining**			**Medical Imaging**	
24	Linear and Nonlinear Optimization	VL	4	Machine Learning and Data Mining	VL	2	Medical Imaging	VL	2
25	Linear and Nonlinear Optimization	HÜ	1	Machine Learning and Data Mining	GÜ	2	Medical Imaging	GÜ	2
26							
27							
28							
29				**Probability Theory**			**Mathematical Image Processing**	
30				Probability Theory	VL	3	Mathematical Image Processing	VL	3
31				Probability Theory	GÜ	1	Mathematical Image Processing	GÜ	1
32							
33							
34							

Master thesis (dual study program)

Business & Management (from catalogue) - 6LP
Linking theory and practice (dual study program, Master's degree) (from catalogue) - 6LP
Technical Complementary Course I for CSMS - 6LP
Technical Complementary Course II for CSMS - 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.