

Course of Study Computer Science (Study Cohort w22)

Sample course plan B Master Computer Science (CSMS)

Specialisation I. Computer and Software Engineering, Specialisation II: Intelligence Engineering, 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

Semester 1	Semester 2				Semester 3				Semester 4				
	Form	Hrs/wk	Form	Hrs/wk	Form	Hrs/wk	Form	Hrs/wk	Form	Hrs/wk	Form	Hrs/wk	
1	Software Verification				Computer Graphics				Research Project Computer Science				Master Thesis
2	Software Verification	VL	2	Computer Graphics	VL	2	Research Project Computer Science	PK	8				
3	Software Verification	GÜ	2	Computer Graphics	GÜ	2							
4													
5													
6													
7	Intelligent Autonomous Agents and Cognitive Robotics				Design of Dependable Systems								
8	Intelligent Autonomous Agents and Cognitive Robotics	VL	2	Designing Dependable Systems	VL	2							
9	Intelligent Autonomous Agents and Cognitive Robotics	GÜ	2	Designing Dependable Systems	GÜ	2							
10													
11													
12													
13	Linear and Nonlinear Optimization				Machine Learning and Data Mining				Medical Imaging				
14	Linear and Nonlinear Optimization	VL	4	Machine Learning and Data Mining	VL	2	Medical Imaging	VL	2				
15	Linear and Nonlinear Optimization	HÜ	1	Machine Learning and Data Mining	GÜ	2	Medical Imaging	GÜ	2				
16													
17													
18													
19				Probability Theory				Mathematical Image Processing					
20				Probability Theory	VL	3	Mathematical Image Processing	VL	3				
21				Probability Theory	GÜ	1	Mathematical Image Processing	GÜ	1				
22													
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Business & Management (from catalogue) - 6LP													
Non-technical Courses for Master (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.

