Course of Study Computer Science (Study Cohort w21)

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

LP	Semester 1	Form	Hrs/wk	Semester 2	Form	Hrs/wk	Semester 3	Form	Hrs/wk	Semester 4	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	**Digital Image Analysis**			**Design of Dependable Systems**								
8	Digital Image Analysis	VL	4	Designing Dependable Systems	VL	2						
9				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			
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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.