

Course of Study Computational Science and Engineering (Study Cohort w21)

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

Specialisation IV. Subject Specific Focus										
1	Software Security			Design of Dependable Systems			Research Project			Master Thesis
2	Software Security	VL	2	Designing Dependable Systems	VL	2	Research Project IIW	PK	8	
3	Software Security	GÜ	2	Designing Dependable Systems	GÜ	2				
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7	Digital Communications			Information Theory and Coding						
8	Digital Communications	VL	2	Information Theory and Coding	VL	3				
9	Digital Communications	HÜ	2	Information Theory and Coding	HÜ	2				
10	Laboratory Digital Communications	PR	1							
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12										
13	Linear and Nonlinear Optimization			Randomised Algorithms and Random Graphs			Communication Networks			
14	Linear and Nonlinear Optimization	VL	4	Randomised Algorithms and Random Graphs	VL	2	Communication Networks	VL	2	
15	Linear and Nonlinear Optimization	HÜ	1	Randomised Algorithms and Random Graphs	HÜ	2	Communication Networks Exercise	PBL	1	
16							Selected Topics of Communication Networks	PBL	2	
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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.

