

Course of Study Computational Science and Engineering (Study Cohort w19)

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

Legend:

Core Qualification Compulsory	Specialisation Compulsory	Focus Compulsory	Thesis Compulsory
Core Qualification Elective Compulsory	Specialisation Elective Compulsory	Focus Elective Compulsory	Interdisciplinary complement

Year	Semester 1	Semester 2	Semester 3	Semester 4
	Form	Hrs/wk	Form	Hrs/wk
1	Software Security		Design of Dependable Systems	
2	Software Security	VL 2	Designing Dependable Systems	VL 2
3	Software Security	GÜ 2	Designing Dependable Systems	GÜ 2
4				
5				
6				
7	Digital Communications		Information Theory and Coding	
8	Digital Communications	VL 2	Information Theory and Coding	VL 3
9	Digital Communications	HÜ 1	Information Theory and Coding	HÜ 1
10	Laboratory Digital Communications	PR 1		
11				
12				
13	Linear and Nonlinear Optimization		Randomised Algorithms and Random Graphs	
14	Linear and Nonlinear Optimization	VL 4	Randomised Algorithms and Random Graphs	VL 2
15	Linear and Nonlinear Optimization	HÜ 1	Randomised Algorithms and Random Graphs	HÜ 2
16				
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30				
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.

