

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

Sample course plan D 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	<b>Software Verification</b>		<b>Design of Dependable Systems</b>	
2	Software Verification	VL 2	Designing Dependable Systems	VL 2
3	Software Verification	GÜ 2	Designing Dependable Systems	GÜ 2
4				
5				
6				
7	<b>Software Security</b>		<b>Numerical Mathematics II</b>	
8	Software Security	VL 2	Numerical Mathematics II	VL 2
9	Software Security	GÜ 2	Numerical Mathematics II	GÜ 2
10				
11				
12				
13	<b>Linear and Nonlinear Optimization</b>			
14	Linear and Nonlinear Optimization	VL 4		
15	Linear and Nonlinear Optimization	HÜ 1		
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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.

