Course of Study Computer Science in Engineering (Study Cohort w22)

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

LP			
1	**Software Verification**	**Design of Dependable Systems**	**Research Project**
2	Software Verification .... VL ... 2	Designing Dependable Systems .... VL ... 2	Research Project IIW .... PK ... 8
3	Software Verification .... GÜ ... 2	Designing Dependable Systems .... GÜ ... 2	
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7	**Software Security**	**Numerical Mathematics II**	
8	Software Security .... VL ... 2	Numerical Mathematics II .... VL ... 2	
9	Software Security .... GÜ ... 2	Numerical Mathematics II .... GÜ ... 2	
10			
11			
12			
13	**Electrical Power Systems II: Operation and Information Systems of Electrical Power Grids**		**Digital Signal Processing and Digital Filters**
14	Electrical Power Systems II: Operation and Information Systems of Electrical Power Grids .... VL ... 3		Digital Signal Processing and Digital Filters .... VL ... 3
15			Digital Signal Processing and Digital Filters .... HÜ ... 2
16	Electrical Power Systems II: Operation and Information Systems of Electrical Power Grids .... HÜ ... 2		
17			
18			
19	**Linear and Nonlinear Optimization**		
20	Linear and Nonlinear Optimization .... VL ... 4		
21	Linear and Nonlinear Optimization .... HÜ ... 1		
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Master Thesis

| 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.