Course of Study Computational Science and Engineering (Study Cohort w20)

	sation I. Computer Science,	opeelain	sation in riachematics a Engl	neening	perenee, operanourion in							
ubject	Specific Focus	Form Hrs/wk	Semester 2	Form Hrs/wk	Semester 3	Form Hrs/wk	Semester 4	Form Hrs/wk	Semester 5	Form Hrs/wk	Semester 6	Form Hrs/wl
1	Discrete Algebraic Structures		Electrical Engineering II: Alternating Current	Networks	Numerical Mathematics I		Signals and Systems		Introduction to Communications and Rand	lom	Operating Systems	
2	Discrete Algebraic Structures	VL 2	and Basic Devices		Numerical Mathematics I	VL 2	Signals and Systems	VL 3	Processes		Operating Systems	VL 2
3	Discrete Algebraic Structures	GÜ 2	Electrical Engineering II: Alternating Current Networks and Basic Devices	VL 3	Numerical Mathematics I	GŪ 2	Signals and Systems	GÜ 2	Introduction to Communications and Random Processes	VL 3	Operating Systems	GŪ 2
4				GÜ 2					Introduction to Communications and Random	HÜ 1		
5			Networks and Basic Devices						Processes Introduction to Communications and Random	GÜ 1		
6									Processes	GU 1		
7	Provident December 2		A		Committee Facilities		Charles		International to Constant Constants		Bachelor Thesis	
	Procedural Programming Procedural Programming	VL 1	Automata Theory and Formal Languages Automata Theory and Formal Languages	VL 2	Computer Engineering Computer Engineering	VL 3	Stochastics Stochastics	VL 2	Introduction to Control Systems Introduction to Control Systems	VL 2	Bachelor Thesis	
8	Procedural Programming	HŪ 1		GÜ 2	Computer Engineering	GŪ 1	Stochastics	GÜ 2	Introduction to Control Systems	GÜ 2		
9	Procedural Programming	PR 2										
10												
11												
12												
13	Electrical Engineering I: Direct Current Netw	vorks and	Foundations of Management		Computernetworks and Internet Security		Embedded Systems		Practical Course IIW			
14	Electromagnetic Fields Electrical Engineering I: Direct Current Networks	VI 3		VL 3 GÜ 2	Computer Networks and Internet Security Computer Networks and Internet Security	VL 3 GÜ 1	Embedded Systems Embedded Systems	VL 3 GÜ 1	Practical Course IIW	PBL 8		
15	and Electromagnetic Fields	VL 5	Management rutonai	00 2	Computer wetworks and internet security	G0 I	Embedded Systems	60 1				
16	Electrical Engineering I: Direct Current Networks	GÜ 2										
17	and Electromagnetic Fields											
18												
19	Mathematics I		Mathematics II		Mathematics III		Seminars Computer Science		Computer Architecture			
20	Linear Algebra I	VL 2		VL 2	Analysis III	VL 2	Introductory Seminar Computer S		Computer Architecture	VL 2		
21	Linear Algebra I	GÜ 1		GÜ 1	Analysis III	GŪ 1	Introductory Seminar Computer S	Science I SE 2	Computer Architecture	PBL 2		
22	Linear Algebra I Analysis I	HÜ 1 VL 2		HÜ 1 VL 2	Analysis III Differential Equations 1	HÜ 1 VL 2			Computer Architecture	GÜ 1		
	Analysis I	GÜ 1		HÜ 1	Differential Equations 1	GŪ 1						
23	Analysis I	HŪ 1	Analysis II	GÜ 1	Differential Equations 1	HÜ 1						
24												
25									Electronic Devices Electronic Devices	VL 3		
26									Electronic Devices	PBL 2		
27			Programming Paradigms		Algorithms and Data Structures							
28				VL 2 HÜ 1	Algorithms and Data Structures Algorithms and Data Structures	VL 4 GÜ 1						
29				PR 2	Augentality and Data Structures	00 1						
30												
31											1	
32												
	Non-technical Courses for Bachelor	s (from cat	alogue) - 6LP									
			ational Science and Engineering Bach	1 10	2							

The choice of courses from the catalogue is flexible (depends on the semestral work load), provided the necessary number of required credits is reached.