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

ubiect	Specific Focus	Form Hire Judy	Semester 2		Science, Specialisation III.	Form Hrs/wk	Semester 4	Form Hrs/wk	Comostor 5	Form Hrs/wk	Semester 6	Form Hrs/wk
		FOITH HIS/WK				FUTTI HIS/WK		POINT HIS/WK				FUITI HIS/WK
1	Discrete Algebraic Structures Discrete Algebraic Structures	VL 2	Electrical Engineering II: Alternating Current and Basic Devices	t Networks	Numerical Mathematics I Numerical Mathematics I	VL 2	Signals and Systems Signals and Systems	VL 3	Introduction to Communications and Rand Processes	om	Operating Systems Operating Systems	VL 2
2	Discrete Algebraic Structures	GÜ 2	Electrical Engineering II: Alternating Current	VL 3	Numerical Mathematics I	GŪ 2	Signals and Systems	GÜ 2	Introduction to Communications and Random	VL 3	Operating Systems	GÜ 2
3			Networks and Basic Devices						Processes			
4			Electrical Engineering II: Alternating Current Networks and Basic Devices	GÜ 2					Introduction to Communications and Random Processes	HÜ 1		
5									Introduction to Communications and Random	GÜ 1		
6									Processes			
7	Procedural Programming		Automata Theory and Formal Languages		Computer Engineering		Stochastics		Introduction to Control Systems		Software Development	
8	Procedural Programming	VL 1	Automata Theory and Formal Languages	VL 2	Computer Engineering	VL 3	Stochastics	VL 2	Introduction to Control Systems	VL 2	Software Development	VL 1
9	Procedural Programming	HÜ 1	Automata Theory and Formal Languages	GÜ 2	Computer Engineering	GŪ 1	Stochastics	GÜ 2	Introduction to Control Systems	GÜ 2	Software Development	PBL 2
10	Procedural Programming	PR 2										
11 12												
12	Electrical Engineering I: Direct Current Netw	auko and	Foundations of Management		Computernetworks and Internet Security		Embedded Systems		Practical Course IIW		Bachelor Thesis	
14	Electromagnetic Fields		Introduction to Management	VL 3	Computer Networks and Internet Security	VL 3	Embedded Systems	VL 3	Practical Course IIW	PBL 8	bachelor mesis	
	Electrical Engineering I: Direct Current Networks	VL 3	Management Tutorial	GÜ 2	Computer Networks and Internet Security	GŪ 1	Embedded Systems	GÜ 1				
15	and Electromagnetic Fields Electrical Engineering I: Direct Current Networks	cü a										
16	and Electromagnetic Fields	GU 2										
17												
18												
19	Mathematics I		Mathematics II		Mathematics III		Seminars Computer Science		Electrical Power Systems I: Introduction to	Electrical		
20	Linear Algebra I Linear Algebra I	VL 2 GÜ 1	Linear Algebra II Linear Algebra II	VL 2 GÜ 1	Analysis III Analysis III	VL 2 GÜ 1	Introductory Seminar Computer Scient Introductory Seminar Computer Scient		Power Systems Electrical Power Systems I: Introduction to	VL 3		
21	Linear Algebra I	GU 1 HŪ 1	Linear Algebra II	HÜ 1	Analysis III Analysis III	GU 1 HÜ 1	Introductory Seminar Computer Science	ice i SE 2	Electrical Power Systems	VL J		
22	Analysis I	VL 2	Analysis II	VL 2	Differential Equations 1	VL 2			Electrical Power Systems I: Introduction to	GÜ 2		
23	Analysis I	GÜ 1	Analysis II	HÜ 1	Differential Equations 1	GŪ 1			Electrical Power Systems			
24	Analysis I	HŨ 1	Analysis II	GÜ 1	Differential Equations 1	HÜ 1						
24												
26												
27			Programming Paradigms		Algorithms and Data Structures							
28			Programming Paradigms	VL 2	Algorithms and Data Structures	VL 4						
			Programming Paradigms	HÜ 1	Algorithms and Data Structures	GŪ 1						
29			Programming Paradigms	PR 2								
30												
31												
32												
	Non-technical Courses for Bachelor	(from cat	aloque) - 6LP									

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