Course of Study Data Science (Study Cohort w21)

ecial	isation ₁ Medicine Form H					a					
ciai	ISation Medicine Form H	rs/wk Semester 2	Form Hrs/wk	Semester 3	Form Hrs/wk	Semester 4	Form Hrs/wk	Semester 5	Form Hrs/wk	Semester 6	Form Hr
	Discrete Algebraic Structures	Automata Theory and Formal Languages		Databases		Signals and Systems		Introduction to Information Security		Seminars Computer Science	
	Discrete Algebraic Structures VL		VL 2	Databases	VL 3	Signals and Systems	VL 3	Introduction to Information Security	VL 2	Introductory Seminar Computer Science II	SE
	Discrete Algebraic Structures GÜ	2 Automata Theory and Formal Languages	GÜ 2	Databases	GÜ 1	Signals and Systems	GÜ 2	Introduction to Information Security	GÜ 2	Introductory Seminar Computer Science I	SE
i											
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	Procedural Programming for Computer Engineers	Stochastics		Numerical Mathematics I		Foundations of Management		Data Mining		Ethics in Information Technology	
	Procedural Programming for Computer Engineers VL	1 Stochastics	VL 2	Numerical Mathematics I	VL 2	Introduction to Management	VL 3	Data Mining	VL 2	Ethics in Information Technology	VL
	Procedular Programming for Computer Engineers HÜ		GÜ 2	Numerical Mathematics I	GÜ 2	Management Tutorial	GÜ 2	Data Mining	PBL 2	Ethics in Information Technology	SE
	Procedural Programming for Computer Engineers PR	2									
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.1											
12											
.3	Mathematics I (EN)	Programming Paradigms		Algorithms and Data Structures		Graph Theory and Optimization		Machine Learning II			
4	Analysis I VL	2 Programming Paradigms	VL 2	Algorithms and Data Structures	VL 4	Graph Theory and Optimization	VL 2	Machine Learning II	VL 2		
.5	Analysis I HŪ	1 Programming Paradigms	HÜ 1	Algorithms and Data Structures	GŪ 1	Graph Theory and Optimization	GÜ 2	Machine Learning II	GÜ 2		
	Analysis I GÜ	1 Programming Paradigms	PR 2								
.6	Linear Algebra I VL Linear Algebra I HŪ	2									
17	Linear Algebra I GÜ	1									
18											
19		Mathematics II (EN)		Statistics		Scientific Programming		Functional Programming			
20		Analysis II	VL 2	Statistics	VL 3	Scientific Programming	VL 3	Functional Programming	VL 2		
21		Analysis II	HÜ 1	Statistics	GŪ 1	Scientific Programming	GÜ 2	Functional Programming	HÜ 2		
	MED II: Introduction to Biochemistry and Molecular Biology	And your a	GÜ 1					Functional Programming	GÜ 2		
22	Introduction to Biochemistry and Molecular VL	2 Linear Algebra II Linear Algebra II	VL 2 HÜ 1								
23	Biology	Linear Algebra II	GÜ 1								
24											
25				Mathematics III (EN)		Machine Learning I		Engineering Mechanics III (Dynamics)			
26				Analysis III	VL 2	Machine Learning I	VL 2	Engineering Mechanics III	VL 3		
				Analysis III	HÜ 1	Machine Learning I	GÜ 2	Engineering Mechanics III	GÜ 2		
27		MED I: Introduction to Anatomy		Analysis III	GŪ 1			Engineering Mechanics III	HÜ 1		
8		Introduction to Anatomy	VL 2	Differential Equations 1	VL 2						
9				Differential Equations 1 Differential Equations 1	ΗÜ 1 GŪ 1						
30		MED I: Introduction to Radiology and Radia	tion	Direcential Equations 1	60 I						
31		Therapy				MED II: Introduction to Physiology				1	
		Introduction to Radiology and Radiation Therapy	/ VL 2			MED II: Introduction to Physiology Introduction to Physiology	VL 2				
2						introduction to mysiology	VL Z				
3											

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