

Focus Area: S1: Distributed and Mobile Systems									
		MG ECTS/Modul					ECTS/Sem	ECTS kum.	
1.Sem WS 24/25			A1	A2	A3	A4	A5	30	30
S1	Elective A1, Focus Area S1, e.g.: MOBI-DSC-M Data Streams and Complex Event Processing	A1	6						
	Elective A1, Focus Area S2, e.g.: GdI-IFP-M Introduction to Functional Programming	A1	6						
	Elective A1, Focus Area S3, e.g.: SYSNAP-Virt-M Virtualization	A1	6						
S1/S4	Elective A1, Focus Area S4, e.g.: KTR-Mobi-M Mobile Communication	A1	6						
	German as a foreign language intensive 1 (A1)	A5					6		
			24	0	0	0	6		
			24	0	0	0	6		
2.Sem SS 25								30	60
S1	Elective A1, Focus Area S1, e.g.: e.g.: GdI-FPRS-M: Functional Programming of Reactive Systems	A1	6						
	Elective A1, no special Focus Area required	A1	6						
	Elective A1, no special Focus Area required (alternative: Elective A2)	A1 (A2)*					6		
	Elective A2, (Elective A1, no special Focus Area required)	A2		6					
S1	Master-Seminar	A3			3				
	German as a foreign language: Practical Language Training B1: creative writing and speaking freely 2	A5					3		
			12	6	3	0	9		
			36	6	3	0	15		
3.Sem WS 25/26								30	90
	Elective A1, no special Focus Area required (alternative: Elective A2)	A1	6						
	Elective A1, no special Focus Area required (alternative: Elective A2)	A1 (A2)	6						
S1	Master-Project	A3		6					
	Internship	A5					12		
			12	6	0	0	12		
			48	12	3	0	27		
4.Sem SS 26								30	120
S1	Master Thesis	A4				30			
			0	0	0	30	0		
			48	12	3	30	27		
			60					120	

*will be credited in A5

Focus Area: S2: Software Analysis and Verification			MG ECTS/Modul					ECTS/Sem	ECTS kum.
1.Sem WS 24/25			A1	A2	A3	A4	A5	30	30
	Elective A1, Focus Area S1, e.g.: MOBI-DSC-M Data Streams and Complex Event Processing	A1	6						
S2	Elective A1, Focus Area S2, e.g.: GdI-IFP-M Introduction to Functional Programming	A1	6						
	Elective A1, Focus Area S3, e.g.: SYSNAP-Virt-M Virtualization	A1	6						
	Elective A1, Focus Area S4, e.g.: KTR-Mobi-M Mobile Communication	A1	6						
	German as a foreign language intensive 1 (A1)	A5					6		
			24	0	0	0	6		
			24	0	0	0	6		
2.Sem SS 25								30	60
S2	Elective A1, Focus Area S2, e.g.: GdI-FPRS-M Functional Programming of Reactive Systems	A1	6						
	Elective A1, no special Focus Area required	A1	6						
	Elective A1, no special Focus Area required (alternative: Elective A2)	A1 (A2)*					6		
	Elective A2, (Elective A1, no special Focus Area required)	A2		6					
S2	Master-Seminar	A3			3				
	German as a foreign language: Practical Language Training B1: creative writing and speaking freely 2	A5					3		
			12	6	3	0	9		
			36	6	3	0	15		
3.Sem WS 25/26								30	90
S2	Elective A1, Focus Area S2, e.g.: AISE-UL Universal Logic & Universal Reasoning	A1	6						
	Elective A2, (Elective A1, no special Focus Area required)	A1 (A2)		6					
S2	Master-Project	A3			6				
	Internship	A5					12		
			6	6	6	0	12		
			42	12	9	0	27		
4.Sem SS 26								30	120
S2	Master Thesis	A4				30			
			0	0	0	30	0		
			42	12	9	30	27		
			54					120	

*will be credited in A5

Focus Area: S2: Software Analysis and Verification			MG ECTS/Modul					ECTS/Sem	ECTS kum.
1.Sem WS 24/25			A1	A2	A3	A4	A5	30	30
	Elective A1, Focus Area S1, e.g.: MOBI-DSC-M Data Streams and Complex Event Processing	A1	6						
	Elective A1, Focus Area S2, e.g.: GdI-IFP-M Introduction to Functional Programming	A1	6						
S3	Elective A1, Focus Area S3, e.g.: SYSNAP-Virt-M Virtualization	A1	6						
	Elective A1, Focus Area S4, e.g.: KTR-Mobi-M Mobile Communication	A1	6						
	German as a foreign language intensive 1 (A1)	A5					6		
			24	0	0	0	6		
			24	0	0	0	6		
2.Sem SS 25								30	60
S3	Elective A1, Focus Area S3, e.g.: SYSNAP-OSE-M Operating Systems Engineering	A1	6						
	Elective A1, no special Focus Area required	A1	6						
	Elective A1, no special Focus Area required (alternative: Elective A2)	A1 (A2)*					6		
	Elective A2, (Elective A1, no special Focus Area required)	A2		6					
S3	Master-Seminar	A3			3				
	German as a foreign language: Practical Language Training B1: creative writing and speaking freely 2	A5					3		
			12	6	3	0	9		
			36	6	3	0	15		
3.Sem WS 25/26								30	90
S3	Elective A1, Focus Area S3, e.g.: SYSNAP-OSE-M Operating Systems Engineering	A1	6						
	Elective A2, (Elective A1, no special Focus Area required)	A1 (A2)		6					
S3	Master-Project	A3			6				
	Internship	A5					12		
			6	6	6	0	12		
			42	12	9	0	27		
4.Sem SS 26								30	120
S3	Master Thesis	A4				30			
			0	0	0	30	0		
			42	12	9	30	27		
			54					120	

*will be credited in A5

Focus Area: S2: Software Analysis and Verification													
							MG ECTS/Modul					ECTS/Sem	ECTS kum.
1.Sem WS 24/25			A1	A2	A3	A4	A5	30	30				
	Elective A1, Focus Area S1, e.g.: MOBI-DSC-M Data Streams and Complex Event Processing	A1	6										
	Elective A1, Focus Area S2, e.g.: GdI-IFP-M Introduction to Functional Programming	A1	6										
	Elective A1, Focus Area S3, e.g.: SYSNAP-Virt-M Virtualization	A1	6										
S4	Elective A1, Focus Area S4, e.g.: KTR-Mobi-M Mobile Communication	A1	6										
	German as a foreign language intensive 1 (A1)	A5					6						
			24	0	0	0	6	30	30				
			24	0	0	0	6						
2.Sem SS 25								30	60				
S4	Elective A1, Focus Area S4; e.g.: DT-DBCPU-M: Database Systems for modern CPU	A1	6										
	Elective A1, no special Focus Area required	A1	6										
	Elective A1, no special Focus Area required (alternative: Elective A2)	A1 (A2)*					6						
	Elective A2, (Elective A1, no special Focus Area required)	A2		6									
S4	Master-Seminar	A3			3								
	German as a foreign language: Practical Language Training B1: creative writing and speaking freely 2	A5					3						
			12	6	3	0	9	30	60				
			36	6	3	0	15						
3.Sem WS 25/26								30	90				
S4	Elective A1, Focus Area S4; e.g.: SYSNAP-OSE-M: Operating Systems Engineering	A1	6										
	Elective A2, (Elective A1, no special Focus Area required)	A1 (A2)		6									
S4	Master-Project	A3			6								
	Internship	A5					12						
			6	6	6	0	12						
			42	12	9	0	27	30	120				
			0	0	0	30	0						
			42	12	9	30	27	30	120				
			54										
								120					

*will be credited in A5