

Modul-Nr.	Modul	Aufwand pro Semester									Prüfung						Einordnung								
		ECTS pro Sem.			Fq.	SWS	Hfgk.	WS	KoZ	EiZ	Anw.	Vorl.	Art	Ben.	Vers.	Dauer	OA.	Vert.	WB.	LF.	Mit.	Sprache		Fachgebiet	Curricularer Bezug
		1.	2.	3.				[min]	[h]	[h]					[min]						V.	M.			
M014	Modern Production Methods																	A16, A7, A2, A13, A10, A9, A21, A18, A15, A20, A14, A6, A11, A4, A19			aha			Technik	
	M014a Fiber reinforced plastics and hybrids (FRP)	2.5			S	2	12	75.0	15.0	60.0	N		KM	J	3	120	J			V	ahb	EN	EN		
	M014b Laser Engineering	2.5			S	2	12	75.0	15.0	60.0	N		KM	J	3	60	J			V	dmi	EN	EN		
M115	Technical Optics																	A19, A8, A13, A10, A9, A21, A18, A15, A5, A20, A12, A14, A3, A6, A17			aha			Technik	
	M115a Technical Optics	5.0			S	4	12	150.0	30.0	120.0	N		PF	J	3	60	J			V	tpf	EN	EN		
M018	Robotics																	A8, A16, A7, A2, A13, A9, A1, A18, A15, A21, A20, A12, A3, A11, A17			uh			Technik	
	M018a Robotics	5.0			S	4	12	150.0	30.0	120.0	J		AS	J	3		N			di	uh	EN	EN		
M172	Industrial Internet of Things																	A19, A8, A16, A7, A2, A10, A9, A1, A18, A20, A3, A5, A6, A4, A17			cbu			Integrationsfach	
	M172a Industrial Internet of Things	3.0			S	2	12	75.0	15.0	75.0	N		K2	J	3	90	J			V	cbu	EN	EN		
	M172b Industrial Internet of Things Lab	2.0			S	2	12	75.0	15.0	45.0	J		PR	N	3		N			P	cbu	EN	EN		
M003	Algorithmics																	A8, A7, A2, A13, A10, A9, A1, A5, A15, A12, A14, A3, A11, A4, A6			iw			Informatik	
	M003a Algorithmics	5.0			S	4	12	150.0	30.0	120.0	N		KM	J	3	120	J			VU	iw	EN	EN		
M009	Workshop Cryptography																	A19, A16, A2, A13, A1, A18, A21, A5, A12, A14, A3, A6, A11, A4, A17			gb			Informatik	
	M009a Workshop Cryptography	5.0			S	4	12	150.0	30.0	120.0	J		U	J	3		N			W	gb	EN	EN		
M019	Security Engineering																	A19, A8, A16, A7, A10, A1, A21, A15, A20, A12, A14, A5, A11, A4, A17			gb			Informatik	
	M019a Security Engineering	5.0			S	4	12	150.0	30.0	120.0	N		KM	J	3	60	J			VU	gb	EN	EN		
M041	Seminar IT Engineering																				Doz			Integrationsfach	
	M041a Seminar IT Engineering	5.0			E	2	12	75.0	15.0	135.0	J		SA	J	3		N			S	Doz	EN	EN		
M040	Project IT Engineering																				cbu			Integrationsfach	
	M040a Project IT Engineering		5.0		E	2	12	75.0	15.0	135.0	J		SA	J	3		N			PR	div	EN	EN		
M049	Security Management																				gb			Integrationsfach	
	M049a Security Management		5.0		W	4	12	150.0	30.0	120.0	N		KM	J	3	90	J			VU	gb	EN	EN		
M168	Dynamical Systems																				cbu			Technik	
	M168a Dynamical Systems		5.0		W	4	12	150.0	30.0	120.0	N		KM	J	3	90	J			VU	cbu	EN	EN		
M038	Embedded Systems Workshop																				bos			Technik	
	M038a Embedded Systems Workshop		5.0		W	6	12	225.0	45.0	105.0	J		AB	J	3		N			W	bos	EN	EN		
M059	Medical Engineering																				dsg			Technik	
	M059a Medical Engineering		5.0		W	4	12	150.0	30.0	120.0	N		KM	J	3	90	J			V	dsg	EN	EN		
M035	Distributed Systems																				uh			Informatik	
	M035a Distributed Systems		3.0		W	2	12	75.0	15.0	75.0	N		KM	J	3	90	J			V	uh	EN	EN		
	M035b Tutorial: Distributed Systems		2.0		W	2	12	75.0	15.0	45.0	J		AB	N	o. B.		N			U	uh	EN	EN		

Modul-Nr.	Modul	Aufwand pro Semester									Prüfung						Einordnung								
		ECTS pro Sem.			Fq.	SWS	Hfgk.	WS	KoZ	EiZ	Anw.	Vorl.	Art	Ben.	Vers.	Dauer	OA.	Vert.	WB.	LF.	Mit.	Sprache		Fachgebiet	Curricularer Bezug
		1.	2.	3.				[min]	[h]	[h]						[min]					V.	M.			
M060	Master Thesis																								
M060a	Master Thesis			28.0	E	0	12	0.0	0.0	840.0	N		SA	J	2		N					Doz		Technik	
M061	Master Colloquium																					Doz		Technik	
M061a	Colloquium			2.0	E	0	12	0.0	0.0	60.0	N	M060a	KO	J	2	60	N				K	Doz	EN	EN	
AdRe	Additional Records (30 ECTS)																					iw			
AdRe0	Programming Qualifyer	0.0			E	1	12	37.5	7.5	0	J		AB	N	o. B.		N				U	iw	EN	EN	
AdRe1	Discrete Mathematics		5.0		W	4	12	150.0	30.0	120.0	N		K1	J	3*	90	J				V	iw	EN	EN	
AdRe2	Fundamental Programming Structures		3.0		W	4	12	150.0	30.0	60.0	N		K1	J	3*	90	J				V	mri, cei	EN	EN	
AdRe3	Fundamental Programming Structures Lab Course		2.0		E	2	12	75.0	15.0	45.0	N	AdRe0	AB	N	o. B.		N				V	mri, cei	EN	EN	
AdRe4	Programming Structures Project		5.0		W	4	6	75.0	15.0	135.0	N	AdRe3	AB	N	o. B.		N				V	nvk	EN	EN	
AdRe5	Advanced Programming Features	5.0			S	4	12	150.0	30.0	120.0	N	AdRe3	AB	N	o. B.		N				U	NN	EN	EN	
AdRe6	Signals and Systems	5.0			S	4	12	150.0	30.0	120.0	N		PF	J	3	90	J				VU	cbu	EN	EN	
AdRe7	Application of Artificial Intelligence		5.0		W	4	12	150.0	30.0	120.0	N		K1	J	3*	90	J				VU	iw	EN	EN	