

Vertiefungsrichtung Embedded and Microelectronics (EMIC)

	Vorl.	Übung	Lab.	Sem.	Vorl.	Übung	Lab.	Sem.	Vorl.	Übung	Lab.	Sem.	Vorl.	Übung	Lab.	Sem.	Vorl.	Übung	Lab.	Sem.	Vorl.	Übung	Prakt.	Sem.	Σ
1. Semester WS	M01				MM01				MM02				MM03				MM04				MMWP01				
	Technical Management				Advanced Programming Techniques				VLSI Design and Testing				Advanced Microcontroller Systems and Embedded OS				FPGA-based System on Chip Design				Elective 1				
	SWS	4				2		2		3		0,5 (1)		3		0,5 (1)		3		0,5 (1)		4			
ECTS	5				5				5				5				5				5				30
2. Semester SS	M02				MM05				MM06				MM07				MMWP02				MMWP03				
	Team Project				Embedded Architectures and Applications				System Driven Hardware Design				Embedded Signal Processing Systems				Elective 2				Elective 3				
	SWS		4			3		0,5 (1)		2		2		3		0,5 (1)		4				4			
ECTS	5				5				5				5				5				5				30
3. Semester	M03																								
	Internship (4-semester course only)																								
	SWS																								
ECTS	30																								30
4. Semester	M04																								
	Master Module (Masterthesis and Colloquium)																								
	SWS																								
ECTS	30																								120

Legende

Modul für alle Vertiefungen
vertiefungsspezifisches Modul

Wahlpflichtmodul

CP = Credit Points
 SWS = Semesterwochenstunden
 SS = Sommersemester
 WS = Wintersemester