

Year	Sem	Subject name	Weekly number of hours				ECTS
			Lecture	Tutorial	Labwork	Project	
1	1	Analog Blocks	2		1		3
1	1	Microcontrollers and Embedded Systems	2		1		4
1	1	CAD for Integrated Circuits Design	2		1		3
1	1	Digital System Design R&D Project 1				1.5	3
		Power Semiconductor Devices	1		1		3
1	1	Automotive Electronics: An Industrial View	2				2
1	1	Ethics and Academic Integrity	1				2
1	1	Research Activity and Practical Work 1	12				10
1	2	Digital System Design R&D Project 2				1.5	3
1	2	Advanced Digital Design	2		1		4
1	2	Automotive Sensors - Infineon	2				3
1	2	Power Electronic Circuits	2		1	1	5
1	2	Advanced Analog Blocks	2		1		5
1	2	Research Activity and Practical Work S2	12				10
2	1	Advanced Analog Blocks - project				2	3
2	1	Advanced Electronics for Cars	2		1		4
2	1	RF IC Design	2		2		4
2	1	Management of Microelectronics Projects	2		1		4
2	1	Special Topics in Analog and Smart Power Design, Infineon	2				3
2	1	Integrating Research Project				1	2
2	1	Research Activity and Practical Work S3	12				10
2	2	Research Activity, Practical Work and Dissertation Preparation (Master Thesis preparation)	28				30