

CURRICULA - MASTER COMPUTER ENGINEERING

	SEMESTER I						SEMESTER II						SEMESTER III						SEMESTER IV																	
1.	Optional 9L1 - Testing of computer systems (BC)						Optional 10L1 - Advanced embedded systems (BC)						Optional 11L1 - Advanced digital signal processing (BC)						Research practical intership																	
	E	9	28	0	28	0	E	9	28	0	28	0	E	9	28	0	28	0						63												
2.	Optional 9L1 - Image processing and recognition (BC)						Optional 10L1 - Integrated information systems (BC)						Optional 11L1 - Robotic systems (BC)						Master thesis elaboration																	
	E	9	28	0	28	0	E	9	28	0	28	0	E	9	28	0	28	0		30				63												
3.	Optional 9L1 - Smart sensors and sensor networks (DC)						Optional 10L1 - Optic fiber transmissions (DC)						Optional 11L1 - Emergent and collective intelligence systems (DC)																							
	E	9	28	0	28	0	E	9	28	0	28	0	E	9	28	0	28	0																		
4.	Optional 9L1 - Data transmission, coding and compression (DC)						Optional 10L1 - Cellular data networks (DC)						Optional 11L1 - Evolvable hardware (DC)																							
	E	9	28	0	28	0	E	9	28	0	28	0	E	9	28	0	28	0																		
5.	Optional 9L1 - Emerging systems (AE)						Optional 10L2 - Automatic design and optimization of VLSI circuits (AE)						Optional 11L1 - Advanced artificial intelligence (AE)																							
	E	9	28	0	28	0	E	9	28	0	28	0	E	9	28	0	28	0																		
6.	Optional 9L1 - High-end interfaces and equipments (AE)						Optional 10L1 - Virtual measurement systems (AE)						Directed thesis research																							
	E	9	28	0	28	0	E	9	28	0	28	0	D	3	0	28	0	0																		
7.	Research topics in computer systems						Introduction to research																													
	D	3	28	0	0	0	D	3	28	0	0	0																								
8.	9 optional disciplines must be chosen (see the attached document containing optional disciplines): - at least 3 Breadth Coverage (BC) disciplines; - at least 2 Depth Coverage (DC) disciplines; - at least 1 Advanced Electives (AE) discipline																																			
total / semester	hours: 196						evaluations:						hours: 196						evaluations:						hours: 126						evaluations:					
	credits: 30						3E, 1D						credits: 30						3E, 1D						credits: 30						1P					
total / week	hours: 14						hours: 14						hours: 14						hours: 9																	
	of which: 8 0 6 0 (c, s, l, p)						of which: 8 0 6 0 (c, s, l, p)						of which: 6 2 6 0 (c, s, l, p)						of which: 0 0 0 9 (c, s, l, p)																	

Legend: E = exam, D = distributed evaluation
c = course, s = seminar, l = laboratory, p = project

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