

CURRICULA - MASTER INFORMATION TECHNOLOGY

	SEMESTER I				SEMESTER II				SEMESTER III				SEMESTER IV											
1.	<i>Optional 1 (choose from 9L3 or 11L3)</i>				<i>Optional 1 (choose from 10L3)</i>				<i>Optional 1 (choose from 9L3 or 11L3)</i>				<i>Research Activity</i>											
	E	9	28	0	28	0			E	9	28	0	28	0				0			63			
2.	<i>Optional 2 (choose from 9L3 or 11L3)</i>				<i>Optional 2 (choose from 10L3)</i>				<i>Optional 2 (choose from 9L3 or 11L3)</i>				<i>Master thesis elaboration</i>											
	E	9	28	0	28	0			E	9	28	0	28	0				30			63			
3.	<i>Optional 3 (choose from 9L3 or 11L3)</i>				<i>Optional 3 (choose from 10L3)</i>				<i>Optional 3 (choose from 9L3 or 11L3)</i>															
	E	9	28	0	28	0			E	9	28	0	28	0										
4.	<i>Research topics in information technology</i>				<i>Introduction to research</i>				<i>Directed thesis research</i>															
	D	3	28	0	0	0			D	3	0	28	0	0										
5.																								
6.																								
7.																								
8.	<i>9 optional disciplines must be chosen (see the attached document containing optional disciplines): - at least 3 Breadth Coverage (BC) disciplines; - at least 3 Depth Coverage (DC) disciplines; - remaining disciplines = Advanced Electives (AE)</i>																							
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

RECTOR,
Prof.dr.ing. Nicolae ROBU

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CURRICULA - MASTER INFORMATION TECHNOLOGY

	SEMESTER I				SEMESTER II				SEMESTER III				SEMESTER IV																			
1.	<i>Optional 9L3 - Distributed systems (BC)</i>				<i>Optional 10L3 - Advanced Databases (BC)</i>				<i>Optional 11L3 - Advanced Digital Signal Processing (BC)</i>				<i>Research Activity</i>																			
	E	9	28	0	E	9	28	0	E	9	28	0	0			63																
2.	<i>Optional 9L3 - Testing of Computer Systems (BC)</i>				<i>Optional 10L3 - Development of Complex Distributed Applications (BC)</i>				<i>Optional 11L3 - Emergent and Collective Intelligence Systems (BC)</i>				<i>Master thesis elaboration</i>																			
	E	9	28	0	E	9	28	0	E	9	28	0	30			63																
3.	<i>Optional 9L3 - Data Transmission, Coding and Compression (DC)</i>				<i>Optional 10L3 - Information Technology Project Management (DC)</i>				<i>Optional 11L3 - Advanced Web Programming (DC)</i>																							
	E	9	28	0	E	9	28	0	E	9	28	0																				
4.	<i>Optional 9L3 - Smart sensors and sensor networks (DC)</i>				<i>Optional 10L3 - Integrated Information Systems (DC)</i>				<i>Optional 11L3 - Advanced Software Technologies (DC)</i>																							
	E	9	28	0	E	9	28	0	E	9	28	0																				
5.	<i>Optional 9L3 - Component Based Software Engineering (AE)</i>				<i>Optional 10L3 - Real Time System Design (AE)</i>				<i>Optional 11L3 - Applied Mathematics (AE) - external course</i>																							
	E	9	28	0	E	9	28	0	E	9	28	0																				
6.	<i>Research topics in information technology</i>				<i>Optional 10L3 - Cellular Data Networks (AE)</i>				<i>Directed thesis research</i>																							
	D	3	28	0	E	9	28	0	D	3	0	28																				
7.					<i>Introduction to research</i>																											
					D	3	28	0																								
8.	<i>9 optional disciplines must be chosen (see the attached document containing optional disciplines):</i>																															
	<i>- at least 3 Breadth Coverage (BC) disciplines; - at least 3 Depth Coverage (DC) disciplines; - remaining disciplines = Advanced Electives (AE)</i>																															
total / semester	hours: 196				evaluations: 3E, 1D				hours: 196				evaluations: 3E, 1D				hours: 126				evaluations: 1P											
	credits: 30								credits: 30								credits: 30															
total / week	hours: 14				of which 8 0 6 0 (c, s, l, p)				hours: 16				of which 8 0 8 0 (c, s, l, p)				hours: 16				of which 8 0 8 0 (c, s, l, p)				hours: 9				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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