University "Politehnica" of Timisoara (Universitatea "Politehnica" Timisoara)

Faculty of Automation and Computers (Facultatea de Automatica si Calculatoare)

Domain: Computers and Information Technology (Domeniul: Calculatoare si Tehnologia Informatiei)

Title and Type of Master Programme Studies: Information Technology, Development of Graduation Studies (Titlul si Tipul de Master: Tehnologia Informatiei, Aprofundarea in domeniul

Studiilor de licenta)

Type of education: Day training (Forma de invatamant: Cu frecventa)

Duration: 2 years (Durata studiilor: 2 ani)

CURRICULA - MASTER INFORMATION TECHNOLOGY

	SEMESTER I										SEM	1ES	TER	R II		SEMESTER III								SEMESTER IV							
1.	Op	otion	al 1 (choc	se fra	m.	9L3 or 11L3)	Optional 1 (choose from 10L3)								nal 1	(cho	ose fr	om	9L3 or 11L3)	Research Activity										
	Е	9	28	0	28	0		Е	9	28	0	28	0		E	28	0	28	0			15				98					
2.	Op	otion	al 2 (choc	se fra	m :	9L3 or 11L3)		Opt	tion	al 2 (chod	se fi	rom 10L3)	Optio	nal 2	(cho	ose fr	om	9L3 or 11L3)		Devel	opm	ent d	and I The	•	e of Master				
	Е	9	28	0	28	0		Е	9	28	0	28	0		E !	28	0	28	0			15				98					
3.	Op	otion	al 3 (choc	se fra	m.	9L3 or 11L3)		Орг	tion	al 3 (chod	se fi	rom 10L3)	Optio	nal 3	(cho	ose fr	om	9L3 or 11L3)											
	Е	9	28	0	28	0		Е	9	28	0	28	0		E 9	28	0	28	0												
4.		Res	earci	_		-	formation			Intr	oduc	tion	to re	esearch		Dir	ectea	thesi	s re	search											
	D	3	28			0		D	3	28		0	0		D (3 0	28	0	0												
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7.		<u> </u>	<u> </u>								<u> </u>					_!		<u> </u>					<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>				
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8.		<u> </u>	<u> </u>				9 optio	nal	disci	plin	es mi	ıst b	e ch	osen (see the att	ached d	ocum	ent c	ontai	nin	g optional discip	pline	es):	<u> </u>			<u> </u>					
	E 9 28 0 28 0 3. Optional 3 (choose from 9L3 or 11L) E 9 28 0 28 0 4. Research topics in information technology D 3 28 0 0 0 5. 6. 7. 8. 9 6 - at least 2 displays the following technology hours: 196 evaluation technology b hours: 14			_									lines in Category 2 (C2); - remaining disci						•												
total /	ho	urs:	196				evaluations:	ho	urs:	196				evaluations:	hours:	196	<u> </u>			evaluations:	ho	ours:	196	<u> </u>			evaluations:				
semester	cre	dits:	30				3E, 1D	cred	dits:	30				3E, 1D	credits	30				3E, 1D	cre	edits:	30				1P				
total / week	ho	urs:	14					_	urs:						hours:	_					4	ours:	_								
	of w	hich	8	0	6	0	(c, s, l, p)	of w	hich:	8	0	6	0	(c, s, l, p)	of whic	n 6	2	6	0	(c, s, l, p)	of v	which	: 0	0	0	14	(c, s, l, p)				

<u>Legend:</u> E = exam, D = distributed evaluation

c = course, s = seminar, l = laboratory, p = project

RECTOR, Prof.dr.ing. Nicolae ROBU DECAN,
Prof.dr.ing. Octavian PROSTEAN

University "Politehnica" of Timişoara

Faculty of Automation and Computers

CURRICULA - MASTER INFORMATION TECHNOLOGY

	SEMESTER I								SEMESTER II								SEMESTER III								SEMESTER IV							
1.	Op	tion	ıl 9L	3 - D	istri	bute	d systems (C1)	Optional 10L3 - Information technology								Opt	iona	l 111	L3 -	Adv	anced web	Research Activity										
								project management (C1)								programming (C1)																
	E 9 28 0 28 0							E 9 28 0 28 0							E 9 28 0 28 0								15	5			98	3				
2.	Optional 9L3 - Component based							Optional 10L3 - Advanced databases							Optional 11L3 - Advanced software								Development and Defense of Master									
	software engineering (C1)								(C1)							technologies (C2)								Thesis								
	Е								E 9 28 0 28 0							E 9 28 0 28 0								5			98	3				
3.	3. Optional 9L3 - Testing of computer systems (C2)							Optional 10L3 - Development of complex								ona	l 111	[3 - 2	Adva	ınce	d digital signal											
								distributed applications (C2)							processing (C2)																	
	Е	9	28	0	28	0		Е	9	28	0	28	0		Е		28		28													
4.	Op	tiona	l 9L3				sors and sensor	Optional 10L3 - Real time system design								Directed thesis research																
	networks (C2)							(C2)														<u> </u>										
	E 9 28 0 28 0							E 9 28 0 28 0							D	3	0	28	0	0												
5.	Optional 9L3 - Data transmission,							Optional 10L3 - Integrated information																								
coding and compression (C2)						` ´	systems (C2)													<u>. </u>					T							
	Е		28		28			Е		28		28	0																			
6.	Research topics in information						Optional 10 L3 - Applied Mathematics																									
		technology						(external course) (C1)														ļ					ī					
	D	3	28	0	0	0		Е	9	28	0	28	0																			
7.								Optional 10 L3 - Cellular data networks																								
		_										(C1)										<u>. </u>					T					
								Е	9	28	0	28	0																			
8.									I	ntrod	lucti	on to	re	esearch																		
		_																				ļ					ī					
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9.														sen (see the atta																		
	<u> </u>	T	1	1		<u>-</u>	at least 2 discipl	ines in	Ca	tegor	y 1 (C1);	- C	ıt least 5 discipli	nes i	n Ca	tego	<i>ry 2</i>	(C2 ₂); - r	emaining discip	lines	= <i>e</i>	lecti	ves	ı	ı	1				
		<u> </u>	<u> </u>						_				4											<u> </u>				<u> </u>				
total /	hours: 196 evaluations:				hours: 224 evaluations:						hours: 168 evaluations:							hours: 196 evaluations														
semester	_	dits:					3E, 1D	credits						3E, 1D	cred						3E, 1D	cred						1P				
	al / week hours: 14							hours: 16							hours: 12								hours: 14									
	of which: 8 0 6 0 (c, s, l, p)							$\begin{array}{c ccccccccccccccccccccccccccccccccccc$							of which 6 0 6 0 (c, s, l, p)							of wł	hich	1: (C	0	14	(c, s, l, p)				

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