

FACULTATE FACULTATEA DE AUTOMATICA SI CALCULATOARE

DOMENIU CALCULATOARE SI TEHNOLOGIA INFORMATIEI

SPECIALIZARE CALCULATOARE (IN LIMBA ENGLEZA)

Nivel de studii LICENTA

PLAN DE INVATAMANT PENTRU ANUL UNIVERSITAR

2021-2022

Pag. 2

302.00 Volunteering 2		0	1	0	0	0		A/R	50	0	14	36	2.0	DC	Dfac					
TOTAL AN	4	4	1	0	0	4	3	2	0	0	sem1	1	1	1	575	112	140	323	12.0	11.0
			9.00					9.00			sem2	2	0	1						

Rector,
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Director departament,
Prof. dr. ing. Rodica Potolea

CODUL SI DENUMIREA DISCIPLINEI	Anul : II										Forma de verificare			Nr.ore/disciplina				Credite/sem		Disciplina		
	SEM 1 14 sapt					SEM 2 14 sapt					E	C	V	Total	C	Apl	St. ind	1	2	cat	tip	
	C	S	L	P	PR	C	S	L	P	PR												
15.00 Electronic Measurements and Sensors	2	0	2	0	0						Nota			100	28	28	44	4.0		DID	DI	
16.00 Fundamental Algorithms	2	1	2	0	0						Nota			150	28	42	80	6.0		DID	DI	
17.00 Analog and Digital Circuits	2	0	2	0	0						Nota			100	28	28	44	4.0		DID	DI	
18.00 Object - Oriented Programming	2	0	2	0	0						Nota			125	28	28	69	5.0		DID	DI	
19.00 Databases	2	0	2	0	0						Nota			100	28	28	44	4.0		DID	DI	
20.00 Special Mathematics in Engineering	2	2	0	0	0						Nota			125	28	28	69	5.0		DF	DI	
21.10 English Language I (Technical Documents Elaboration)	2	0	0	0	0						Nota			50	28	0	22	2.0		DC	DI	
21.20 French Language I - Technical Documents Elaboration	2	0	0	0	0						Nota			50	28	0	22	2.0		DC	DI	
21.30 German Language I - Technical Documents Elaboration	2	0	0	0	0						Nota			50	28	0	22	2.0		DC	DI	
22.00 Systems Theory						2	0	2	0	0	Nota			100	28	28	44		4.0	DID	DI	
23.00 Computer Architecture						2	0	2	0	0	Nota			125	28	28	69		5.0	DID	DI	
24.00 Numerical Methods						2	0	2	0	0	Nota			100	28	28	44		4.0	DF	DI	
25.00 Fundamental Programming Techniques						2	0	2	0	0	Nota			100	28	28	44		4.0	DF	DI	
26.00 Operating Systems						2	0	2	0	0	Nota			125	28	28	69		5.0	DID	DI	
27.00 Computer-Aided Graphics						2	0	2	0	0	Nota			100	28	28	44		4.0	DF	DI	
28.10 English Language II (Technical Documents Elaboration)						2	0	0	0	0	Nota			50	28	0	22		2.0	DC	DI	
28.20 French Language I - Technical Documents Elaboration						2	0	0	0	0	Nota			50	28	0	22		2.0	DC	DI	
28.30 German Language II - Technical Documents Elaboration						2	0	0	0	0	Nota			50	28	0	22		2.0	DC	DI	
29.00 Sports II						0	2	0	0	0		A/R		50	0	28	22		2.0	DC	DI	
TOTAL AN	14	3	10	0	0	14	2	12	0	0	sem1	6	1	0	1500	392	378	730	30.0	30.0		
			27.00					28.00			sem2	6	1	1								

104.00 Basics of Quantum Information	2	0	1	0	0						Nota			75	28	14	33	3.0		DC	Dfac
105.00 Pedagogy II (Instruction Theory and Methodology, Assessment Theory and Methodology)	2	2	0	0	0						Nota			125	28	28	69	5.0		DC	Dfac
106.00 Mechanics						2	2	0	0	0	Nota			100	28	28	44		4.0	DF	Dfac
107.00 Didactics of Specialisation						2	2	0	0	0	Nota			125	28	28	69		5.0	DS	Dfac

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TOTAL AN	4	2	1	0	0	4	4	0	0	0	sem1	1	1	0	425	112	98	215	8.0	9.0
			7.00					8.00			sem2	1	1	0						

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CODUL SI DENUMIREA DISCIPLINEI	Anul : III					Forma de verificare			Nr.ore/disciplina				Credite/sem		Disciplina					
	SEM 1		14 sapt			SEM 2		14 sapt			Total	C	Apl	St. ind	1	2	cat	tip		
	C	S	L	P	PR	C	S	L	P	PR									E	C
30.00 Design with Microprocessors	2	0	1	1	0						Nota	125	28	28	69	5.0		DID	DOB	
31.00 Structure of Computer Systems	2	0	2	1	0						Nota	125	28	42	55	5.0		DID	DOB	
32.00 Functional Programming	2	0	2	0	0						Nota	100	28	28	44	4.0		DID	DOB	
33.00 Software Engineering	2	0	1	1	0						Nota	125	28	28	69	5.0		DID	DOB	
34.00 Artificial Intelligence	2	0	2	0	0						Nota	125	28	28	69	5.0		DID	DOB	
35.00 Economic Law	2	0	0	0	0						Nota	50	28	0	22	2.0		DC	DOB	
36.00 Graphic Processing	2	0	2	0	0						Nota	100	28	28	44	4.0		DID	DOB	
37.00 Logic Programming						2	1	2	0	0	Nota	100	28	42	30		4.0	DID	DOB	
38.00 Formal Languages and Translators						2	0	2	0	0	Nota	75	28	28	19		3.0	DID	DOB	
39.00 Computer Networks						2	0	2	0	0	Nota	75	28	28	19		3.0	DID	DOB	
40.00 Image Processing						2	0	2	1	0	Nota	100	28	42	30		4.0	DID	DOB	
41.00 Software design						2	0	2	1	0	Nota	100	28	42	30		4.0	DS	DOB	
42.00 Intelligent Systems						2	0	2	0	0	Nota	100	28	28	44		4.0	DS	DOB	
43.00 Practical Work in the Domain of Study (6 sapt)						0	0	0	0	15		A/R	100	0	90	10		4.0	DID	DOB
44.00 Practical Work in the Specialization (6 sapt)						0	0	0	0	15		A/R	100	0	90	10		4.0	DS	DOB
TOTAL AN	14	0	10	3	0	12	1	12	2	30	sem1	6	1	0	1500	364	572	564	30.0	30.0
											sem2	6	0	2						

107.00 Robot Control Systems	2	0	3	0	0						Nota	125	28	42	55	5.0		DS	FAC
108.00 Computer Assisted Training	1	1	0	0	0						Nota	50	14	14	22	2.0		DC	FAC
109.00 Teaching Practice I	0	0	0	0	3						Nota	75	0	42	33	3.0		DC	FAC
110.00 Signals and Systems						2	0	2	0	0	Nota	100	28	28	44		4.0	DS	FAC
111.00 Real-time Systems						2	0	2	0	0	Nota	100	28	28	44		4.0	DS	FAC
112.00 Classroom Management						1	1	0	0	0	Nota	75	14	14	47		3.0	DC	FAC
113.00 Teaching Practice II (12 sapt)						0	0	0	0	3	Nota	50	0	36	14		2.0	DC	FAC

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TOTAL AN	3	1	3	0	3	5	1	4	0	3	sem1	1	2	0	575	112	204	259	10.0	13.0		
			7.00					10.00			sem2	1	3	0								

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CODUL SI DENUMIREA DISCIPLINEI	Anul : IV					Forma de verificare E C V	Nr.ore/disciplina				Credite/sem		Disciplina							
	SEM 1		14 sapt				SEM 2		14 sapt		Total	C	Apl	St. ind	1	2	cat	tip		
	C	S	L	P	PR		C	S	L	P									PR	
45.00 Distributed Systems	2	0	2	1	0		Nota	150	28	42	80	6.0		DS	DOB					
46.10 Database Design	2	0	2	0	0		Nota	125	28	28	69	5.0		DS	DOP					
46.20 Computer Network Design	2	0	2	0	0		Nota	125	28	28	69	5.0		DS	DOP					
47.10 Operating Systems Design	2	0	2	1	0		Nota	150	28	42	80	6.0		DS	DOP					
47.20 User Interface Design	2	0	2	1	0		Nota	150	28	42	80	6.0		DS	DOP					
48.10 Pattern Recognition Systems	2	0	2	1	0		Nota	150	28	42	80	6.0		DS	DOP					
48.20 Translators Design	2	0	2	1	0		Nota	150	28	42	80	6.0		DS	DOP					
49.10 Marketing	2	0	0	0	0		Nota	50	28	0	22	2.0		DC	DOP					
49.20 Personal and Professional Development, Ethics and Academic Integrity	2	0	0	0	0		Nota	50	28	0	22	2.0		DC	DOP					
50.00 Project Management	3	0	0	0	0		Nota	75	42	0	33	3.0		DS	DOB					
51.00 Management and Communication	2	0	0	0	0		Nota	50	28	0	22	2.0		DC	DOB					
52.00 Project Preparing Methodology						2	0	0	0	0	Nota		4.0	DS	DOB					
53.00 Information Systems						2	0	2	0	0	Nota		5.0	DS	DOB					
54.10 Knowledge-based Systems						2	1	2	0	0	Nota		6.0	DS	DOP					
54.20 Parallel Programming						2	1	2	0	0	Nota		6.0	DS	DOP					
55.10 Input-Output Systems and Peripheral Devices						2	0	2	0	0	Nota		5.0	DS	DOP					
55.20 Parallel and Distributed Computing						2	0	2	0	0	Nota		5.0	DS	DOP					
56.00 Communication Protocols and Networks Project						0	0	0	2	0	Nota		2.0	DS	DOB					
57.00 Graduation Project						0	0	0	4	0	A/R		4.0	DS	DOB					
58.00 Practical Placement for Diploma Thesis						0	0	0	0	5	A/R		4.0	DS	DOB					
59.00 Graduation Project Defense						0	0	0	0	0	Nota		10.0	DS	DOB					
TOTAL AN	15	0	8	3	0	8	1	6	6	5	sem1 sem2	5 3	2 2	0 2	1500	322	406	772	30.0 30.0 + 10	
115.00 Entrepreneurship	2	0	0	0	0						Nota	50	28	0	22	2.0		DC	FAC	

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16.00 Autonomous driving: Technology, Dynamics and Control	2	0	2	0	0				Nota	75	28	28	19	3.0	DC	FAC
TOTAL AN	4	0	2	0	0	0	0	0	0	125	56	28	41	5.0	0.0	
			6.00						sem1	0	2	0				
									sem2	0	0	0				

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