

**ANUL UNIV.
2021 - 2022**

PLAN DE ÎNVĂȚĂMÂNT/CURRICULUM

Anul I / 1st YEAR

Nr. crt. No.	Disciplina/Subject	Codul disciplinei/Code	Semestrul 1/1st Semester						Semestrul 2/2nd Semester						NOSI /ses		
			AI			AP	N	Verif./Exam.	Cred.	AI			AP	N		Verif./Exam.	Cred.
			C	L	P					C	L	P					
1.1	Procesare dedicată / Embedded Computing	mES.101.SO	3	2	0	-	5	E1	8	-	-	-	-	-	-	-	60
1.2	Ingineria programării / Software Engineering	mES.102.SO	2	2	1	-	5	E1	7	-	-	-	-	-	-	-	35
1.3	Teoria sistemelor adaptive / Adaptive Systems Theory	mES.103.SO	1	2	0	-	3	E1	5	-	-	-	-	-	-	-	41
1.4	Etică și integritate academică / Ethics and Academic Integrity	mES.104.CO	1	0	0	-	1	A/R1	2	-	-	-	-	-	-	-	22
1.5	Practica profesională / Professional Internship	mES.105.SO	-	-	-	12	-	A/R1	8	-	-	-	-	-	-	-	32
2.1	Opt. 1 Arhitectura sistemelor dedicate / Embedded Systems Architecture	mES.201.SA	-	-	-	-	-	-	-	2	2	0	-	4	E2	6	38
2.2		Neuroprocesare / Neuroprocessing	mES.202.SA	-	-	-	-	-	-	-	-	-	-	-	-	-	
2.3	Învățare automată / Machine Learning	mES.203.SO	-	-	-	-	-	-	-	2	1	1	-	4	E2	7	63
2.4	Sisteme avansate de comunicații / Advanced Computer Communications	mES.204.SO	-	-	-	-	-	-	-	2	2	0	-	4	E2	6	38
2.5	Complexitatea algoritmilor / Algorithm Complexity	mES.205.SO	-	-	-	-	-	-	-	1	1	0	-	2	E2	3	19
2.6	Practica profesională / Professional Internship	mES.206.SO	-	-	-	-	-	-	-	-	-	-	12	-	A/R2	8	32
TOTAL			7	6	1	12	14	3E+ 2A/R	30	7	6	1	12	14	4E+ 1A/R	30	
TOTAL ORE PE SAPTAMANA TOTAL NUMBER OF HOURS/WEEK			14			12	14			14			12	14			
			26			14			26			14					
			40						40								
TOTAL CREDITE PE AN / TOTAL NUMBER OF CREDITS/YEAR:															60		

Discipline facultative/Facultative subjects

2.7	Microcontrolere în automotive / Microcontrollers in Automotive	mES.207.SF	-	-	-	-	-	-	-	1	1	0	-	1	E2	3	33
TOTAL			0	0	0	0	0	-	0	1	1	0	0	1	1E	3	
TOTAL ORE PE SAPTAMANA DISCIPLINE FACULTATIVE TOTAL NUMBER OF HOURS/WEEK (FACULTATIVE SUBJECTS)			0			0	0			2			0	1			

Legenda/Legend

C - curs/course, L - laborator/lab, P - proiect/project

AI - asistate integral / fully assisted AP - asistate partial / partially assisted N - neasistate / not assisted

Rector/Rector,

Decan/Dean

Director departament/Head of Department,

PLAN DE ÎNVĂȚĂMÂNT/CURRICULUM

Anul II / 2nd YEAR

Nr. crt. No.	Disciplina/Subject	Codul disciplinei/ Code	Semestrul 1/1st Semester						Semestrul 2/2nd Semester						NOSI /ses		
			AI			AP	N	Verif./ Exam.	Cred.	AI			AP	N		Verif./ Exam.	Cred.
			C	L	P					C	L	P					
3.1	Proiectarea sistemelor dedicate / Embedded Systems Design	mES.301.SO	2	1	1	-	4	E3	6	-	-	-	-	-	-	-	38
3.2	Procesarea avansată a semnalelor / Advanced DSP Methods	mES.302.SO	2	2	0	-	4	E3	7	-	-	-	-	-	-	-	63
3.3	Opl.2 Sisteme informatice industriale / Plant Control	mES.303.SA	2	2	0	-	4	E3	6	-	-	-	-	-	-	-	38
3.4		Sisteme fizico-cibernetice / Cyber-Physical Systems															
3.5	Internetul lucrurilor / Internet of Things	mES.305.SO	1	1	0	-	2	E3	3	-	-	-	-	-	-	-	19
3.6	Practica de cercetare / Research Activities	mES.306.SO	-	-	-	12	-	A/R3	8	-	-	-	-	-	-	-	32
4.1	Practica de cercetare / Research Activities	mES.401.SO	-	-	-	-	-	-	-	-	-	-	14	10	A/R4	18	114
4.2	Practică elaborare disertație / Practical Activities for Preparing the Dissertation Thesis	mES.402.SO	-	-	-	-	-	-	-	-	-	-	6	2	A/R4	6	38
4.3	Elaborare disertație / Preparing the Dissertation Thesis	mES.403.SO	-	-	-	-	-	-	-	-	-	-	6	2	A/R4	6	38
TOTAL			7	6	1	12	14	4E+1A/R	30	0	0	0	26	14	3A/R	30	
TOTAL ORE PE SAPTAMANA TOTAL NUMBER OF HOURS/WEEK			14			12	14			0			26	14			
			26			14			26			14					
			40						40								
TOTAL CREDITE PE AN / TOTAL NUMBER OF CREDITS/YEAR:															60		

Discipline facultative/Facultative subjects

3.7	Senzori inteligenti si sisteme distribuite de masura / Distributed Intelligent Sensors and Measurement Systems	mES.307.SF	2	2	0	-	4	E3	6	-	-	-	-	-	-	-	38
TOTAL			2	2	0	0	4	1E	6	0	0	0	0	0	-	0	
TOTAL ORE PE SAPTAMANA DISCIPLINE FACULTATIVE TOTAL NUMBER OF HOURS/WEEK (FACULTATIVE SUBJECTS)			4			0	4			0			0	0			

Legenda/Legend

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Rector/Rector,

Decan/Dean

Director departament/Head of Department,

Prof.univ.dr.habil. Sorin RADU

Prof.univ.dr.ing. Sever-Gabriel RACZ

Prof. univ. dr. ing. Daniel VOLOVICI