

CURRICULUM

YEAR 2				2023-2024																	
No.	Course name	Course code	Course category	1st Semester							2nd Semester										
				Assisted activities*					Unassist. activities (SI)**	Eval.	K	Assisted activities*					Unassist. activities (SI)**	Eval.	K		
				No of hours / week								No of hours / week									
C	S	L	P	PA	C	S	L	P	PA												
DI	1 Tehnici de învățare automată / Machine Learning	SC.IA.201	DS	2	0	0	2	0	69	C	5										
	2 Modelare și control predictiv / Modeling and predictive control	SC.IA.202	DA	2	0	1	1	0	94	E	6										
	3 Cercetare științifică și practică / Research and practice (sem.3)	SC.PA.203	DS	0	0	0	0	12	7	VP A/R	7										
	4 Elaborarea lucrării de disertație / Development of Master's Thesis	SC.IA.204	DS									0	0	0	7	0	102	E	8		
	5 Cercetare științifică și practică / Research and practice (sem.4)	SC.PA.205	DS									0	0	0	0	12	207	VP A/R	15		
	6 Practică pentru elaborarea lucrării de disertație / Practice for Master's Thesis	SC.PA.206	DS									0	0	0	0	7	77	C	7		
DO	7 Diagnoza proceselor / Fault detection and diagnosis	SC.IA.207	DA																		
	Tehnici de automatizare cu echipamente PLC / PLC-based process automation	SC.IA.208		2	0	1	0	0	108	E	6										
	8 Sisteme de control cu servoing / Visual servoing control systems	SC.IA.209	DA																		
Instrumente practice și tehnici pentru data mining / Data mining: practical tools and techniques	SC.IA.210	2		0	1	0	0	108	E	6											
Number of hours per week for assisted activities, number and type of assessment activities and credit points per semester, and total hours of unassisted activities				8	0	3	3	12		3E	30	0	0	0	7	19	386	1E	30		
				14					12	386	1C	30	7					19	386	1C	30
				26						1VP			26						VP		

* Assisted activities are fully assisted (C,S,L,P) and partly assisted (PA) and are conducted over 14 weeks.

** Non-assisted activities (SI) are calculated as total hours per academic year, by the credit points of the subjects (25 hours per credit point); the exam sessions are also included.

*** Only if study duration is 4 semesters.

RECTOR,
 Prof.univ.dr.ing. Dan Cașcaval

DEAN,
 Prof.univ.dr.ing. Vasile-Ion Manta

MASTER'S DEGREE COORDINATOR,
 Conf.dr.ing. Mihai Postolache