

453740
 UNIVERSITATEA "LUCIAN BLAGA" DIN SIBIU
 "LUCIAN BLAGA" UNIVERSITY OF SIBIU
 Facultatea de Inginerie
 Faculty of Engineering
 Domeniul: Calculatoare și Tehnologia Informației
 Main field of study: Computer Engineering and Information Technology
 Programul de master: SISTEME AVANSATE DE CALCUL
 Programme title: ADVANCED COMPUTING SYSTEMS
 Program de studiu de tip: MASTER de cercetare (MC)
 Study programme: RESEARCH MASTER
 Limba de predare: Engleză
 Teaching language: English

Valid / Valid

Începând cu anul universitar 2021-2022
 starting with the academic year 2021-2022
 pentru anul universitar 2021-2022
 for the academic year 2021-2022

**ANUL UNIV.
 2023 - 2024**

PLAN DE ÎNVĂȚĂMÂNT / CURRICULUM

ANUL II / 1st YEAR

Nr. Crt. No.	Disciplina Subject	Cod Code	Semestrul 1/ 1st Semester						Semestrul 2/ 2nd Semester						NOSI/ sem					
			AI				A P	N	Ver. Eval.	Cred. Cred.	AI					A P	N	Ver. Eval.	Cred. Cred.	
			C	S	L	P					C	S	L	P						
1.1	Metode de cercetare în arhitecturile de calcul avansate / Research Methods in Advanced Computing Architectures	FING.CIE.ACS.M.RO.1.3020.E-8.1	3	0	2	0	5	Examen	8									130		
1.2	Studii avansate în ingineria programării / Advances in Software Engineering	FING.CIE.ACS.M.ZO.1.2020.E-6.2	2	0	2	0	4	Examen	6									94		
1.3	Metode avansate de text mining / Advanced Methods in Text Mining	FING.CIE.ACS.M.RO.1.2011.E-6.3	2	0	1	1	4	Examen	6									94		
1.4	Etică și integritate academică / Ethics and Academic Integrity	FING.CIE.ACS.M.CO.1.1000.A/R-2.4	1	0	0	0	1	Calificativ	2									36		
1.5	Practica profesională / Professional Internship	FING.CIE.ACS.M.ZO.1.P12.A/R-8.5					12	Calificativ	8									32		
2.1	Inteligența artificială în teoria jocurilor / Artificial Intelligence in Computer Games	FING.CIE.ACS.M.RO.2.2020.E-7.1								2	0	2	0	4	Examen	7		119		
2.2	Proiectare avansată a aplicațiilor grafice / Advanced Computer Graphics	FING.CIE.ACS.M.RO.2.1010.E-3.2								1	0	1	0	2	Examen	3		47		
2.3	Metode avansate de compresie / Advanced Compression Methods	FING.CIE.ACS.M.RO.2.2020.E-6.3								2	0	2	0	4	Examen	6		94		
2.4	Neuroprocesare / Neuroprocessing	FING.CIE.ACS.M.ZA.2.2011.E-6.4																		
2.5	Cloud computing / Cloud computing		FING.CIE.ACS.M.ZA.2.2011.E-6.5								2	0	1	1	4	Examen	6		94	
2.6	Practica de cercetare / Research Activities	FING.CIE.ACS.M.ZO.2.P12.A/R-8.6												12	Calificativ	8		32		
TOTAL			8	0	5	1	12	14	3E+0V+ 0C+0P+ 2A/R	30	7	0	6	1	12	14	4E+0V+ 0C+0P+ 1A/R	30	772	
TOTAL ORE PE SĂPTĂMÂNĂ/ TOTAL NUMBER OF HOURS/WEEK			14				12	14			14				12	14				
			26				14				26				14					
			40								40									
Discipline facultative/ Facultative subjects																				
2.7	Complexitatea algoritmilor / Algorithm Complexity	FING.CIE.ACS.M.RU.2.1010.E-3.7									1	0	1	0	2	Examen	3		47	
TOTAL			0	0	0	0	0	0	0E+0V+ 0C+0P	0	1	0	1	0	0	2	1E+0V+ 0C+0P	3	47	
TOTAL ORE PE SĂPTĂMÂNĂ/ TOTAL NUMBER OF HOURS/WEEK			0				0	0			2				0	2				
			0				0				2				2					
			0								4									

Rector/Rector,

Decan/Dean,

Director Departament/Head of Department,

Prof.univ.dr.habil. Sorinel RADU

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

Prof. univ.



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PLAN DE ÎNVĂȚĂMÂNT / CURRICULUM

ANUL 2 / 2nd YEAR

Nr. Crt. No.	Disciplina Subject	Cod Code	Semestrul 1/ 1st Semester						Semestrul 2/ 2nd Semester						NOSI/ sem				
			Al				A P	N	Ver. Eval.	Cred. Cred.	Al					A P	N	Ver. Eval.	Cred. Cred.
			C	S	L	P					C	S	L	P					
3.1	Studii avansate de Computer Vision / Advances in Computer Vision	FING.CIE.ACS.M.RO.3.2011.E-6.1	2	0	1	1		4	Examen	6								94	
3.2	Inginerie software orientata pe agenti și servicii / Agent & Service Oriented Software Engineering	FING.CIE.ACS.M.RO.3.2010.E-5.2	2	0	1	0		3	Examen	5								83	
3.3	Calcul evoluționist / Evolutionary Computing	FING.CIE.ACS.M.RO.3.2020.E-6.3	2	0	2	0		4	Examen	6								94	
3.4	Cybersecurity / Cybersecurity	FING.CIE.ACS.M.RA.3.1020.E-5.4	1	0	2	0		3	Examen	5								83	
3.5	Sisteme multiagent / Multiagent Systems	FING.CIE.ACS.M.RA.3.1020.E-5.5																	
3.6	Practica de cercetare / Research Activities	FING.CIE.ACS.M.ZO.3.P12.A/R-8.6						12	Calificativ	8								32	
4.1	Practica de cercetare / Research Activities	FING.CIE.ACS.M.ZO.4.P14.A/R-18.1											14	10	Calificativ	18		254	
4.2	Practică elaborare disertație / Practical Activities for Preparing the Dissertation Thesis	FING.CIE.ACS.M.ZO.4.P6.A/R-6.2											6	2	Calificativ	6		66	
4.3	Elaborare disertație / Preparing the Dissertation Thesis	FING.CIE.ACS.M.ZO.4.P6.A/R-6.3											6	2	Calificativ	6		66	
TOTAL			7	0	6	1	12	14	4E+0V+ 0C+0P+ 1A/R	30	0	0	0	0	26	14	0E+0V+ 0C+0P+ 3A/R	30	772
TOTAL ORE PE SĂPTĂMÂNĂ/ TOTAL NUMBER OF HOURS/WEEK			14				12	14	0				26	14					
			26				14	26				14							
			40				40												
Discipline facultative/ Facultative subjects																			
3.7	Procesarea avansată a semnalelor / Advanced DSP Methods	FING.CIE.ACS.M.RU.3.2020.E-7.7	2	0	2	0		4	Examen	7									119
TOTAL			2	0	2	0	0	4	1E+0V+ 0C+0P+ 0A/R	7	0	0	0	0	0	0	0E+0V+ 0C+0P+ 0A/R	0	119
TOTAL ORE PE SĂPTĂMÂNĂ/ TOTAL NUMBER OF HOURS/WEEK			4				0	4	0				0	0					
			4				4	0				0							
			8				0												

Rector/Rector,

Decan/Dean,

Director Dăpartment/Head of Department,



ADU

Prof.univ.dr.ing. Sever RACZ