

UNIVERSITATEA DE VEST TIMISOARA
Facultatea de Matematică și Informatică
Departamentul de Informatică

PLAN DE ÎNVĂȚĂMÂNT
2016-2017

Anul I

**Master INFORMATICĂ: ARTIFICIAL INTELLIGENCE AND DISTRIBUTED
COMPUTING**

Nr.	Disciplinele	COD	Semestrul I					Semestrul II				
			C	S	L	Ex	Cred	C	S	L	Ex	Cred
Discipline obligatorii												
1	Distributed Systems	I2E1101	2		1	E	6					
2	Techniques for Scientific Work	I2E1102	2		1	E	6					
3	Operational Research and Optimization	I2E1103	2		1	E	6					
4	Data analysis in R	I2E1104	2		1	E	6					
5	Systolic Algorithms	I2E1105	2		1	C	6					
5	Parallel Computing	I2E1201						2		1	E	6
6	Term Rewriting	I2E1202						2		1	E	6
7	Multi-agent Systems	I2E1203						2		1	E	6
8	Data Mining	I2E1204						2		1	E	6
9	Elective Course							2		1	C	6
Discipline opționale												
1	Network security models and architectures	I2E1211										
2	Cellular automata	I2E1212										
	TOTAL		10		5		30	10		5		30
Discipline facultative												
1	Programming I	I2E1121	2		2	E	5					
2	Operating Systems	I2E1221						2		2	E	5
3	Logical and Functional Programming	I2E1122	2		2	E	5					
4	Programming II	I2E1222						2		2	E	5

Decan,
Conf. dr. Mircea Drăgan

Director program,
Prof. dr. Viorel Negru

Secretar șef facultate,
Ec. Corina Lascu

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Anul II,
Master INFORMATICĂ: ARTIFICIAL INTELLIGENCE AND DISTRIBUTED
COMPUTING

Nr	Disciplinele		Semestrul I					Semestrul II				
			C	S	L	Ex	Cred	C	S	L	Ex	Cred
1	Metaheuristic Algorithms	I2E2101	2		1	E	5					
2	Autonomous Systems and with Damaged Components	I2E2102	2		1	E	5					
3	Advanced Logical and Functional Programming	I2E2103	2		1	E	5					
4	Distributed Methods and Technologies based on XML	I2E2104	2		1	E	5					
5	Elective Course		2		1	C	5					
6	Research practice	I2E2106			3	C	5					
7	Automated Theorem Proving	I2E2201						2		1	E	8
8	Research Practice and Thesis Preparation	I2E2202								8	C	15
9	Scientific Seminar	I2E2203								3	C	7
Discipline opționale												
	Data Structures and Algorithms in Parallel Computing	I2E2111										
	Machine Learning	I2E2112										
	TOTAL		10		8		30	2		12		30
Discipline facultative												
1	Intelligent Systems	I2E2221						2		1	C	5

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