

Master of Science
Intelligent Control Systems
- Taught in Romanian -

Curriculum

Code	Course	Sem	C	S	L	P	CP	Evaluation
UPB.03.M1.O.12-01	Advanced algorithms and control architectures	I	2		2		5	V
UPB.03.M1.O.12-02	Knowledge management	I	2			2	5	E
UPB.03.M1.O.12-03	Parallel and distributed processing of data and knowledge	I	2		2		5	E
UPB.03.M1.O.12-04	Decision Support Systems	I	2		2		5	E
	Total teaching hours: 16h	I	8		6	2	20	
UPB.03.M1.O.12-05	Research activities: 12h	I			12		10	P
	TOTAL				28		30	
UPB.03.M2.O.12-06	Neural networks	II	2			2	5	E
UPB.03.M2.O.12-07	Intelligent control systems	II	2		2		5	E
UPB.03.M2.O.12-08	Multi-agent systems	II	2		2		5	V
UPB.03.M2.O.12-09	Advanced decision techniques	II	2		2		5	E
	Total teaching hours: 16h	II	8		6	2	20	
UPB.03.M2.O.12-10	Research activities: 12h	II			12		10	P
	TOTAL				28		30	
UPB.03.M3.O.12-11	Integrated systems design – Cyber-Physical- System	III	2			2	5	E
UPB.03.M3.O.12-12	Cognitive robotics	III	2			1	5	E
UPB.03.M3.O.12-13	Hybrid systems	III	2			2	5	E
UPB.03.M3.O.12-14	Intelligent manufacturing systems	III	2		2	1	5	V
	Total teaching hours: 16h	III	8		2	6	20	
UPB.03.M3.O.12-15	Research activities: 12h	III			12		10	P
	TOTAL				28		30	
	Total teaching hours: 0h	IV						
UPB.03.M4.O.12-16	Research activities: 16h	IV			16		18	P
UPB.03.M4.O.12-17	M.Sc. thesis preparation	IV			12		12	P/NP
	TOTAL				28		30	

Evaluation: E-exam with grading; V-verification during the semester with grading;
P- project with grading. The grading scale is 1-10.
P/NP – verification during the semester with P (Passed) or NP (Not passed) grade.

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