

Master of Science in Parallel and Distributed Computer Systems – Taught in English –

Curriculum

Cod	Disciplina	Sem	C	S	L	P	PC	Evaluare (E/V/P)
UPB.03.M1.O.09-01	Parallel Programming	I	2			2	5	E
UPB.03.M1.O.09-02	Computer and Network Security	I	2			2	5	E
UPB.03.M1.O.09-03	Operating Systems (practical)	I	2			2	5	E
UPB.03.M1.O.09-04	Scheduling Methods and Algorithms	I	2			2	5	E
	Total teaching hours: 15h		8	0	0	8	20	
UPB.03.M1.O.09-05	Research activities: 12h	I	12				10	P
	Total credit points	I					30	
UPB.03.M2.O.09-06	Distributed Systems	II	2			2	5	E
UPB.03.M2.O.09-07	Cluster and Grid Computing	II	2		2		5	E
UPB.03.M2.O.09-08	Distributed Algorithms	II	2		2		5	E
UPB.03.M2.A.09-09	Elective course	II	2			2	5	E
	Total teaching hours: 15h	II	8	0	4	4	20	
UPB.03.M2.O.09-10	Research activities: 12h	II	12				10	P
	Total credit points	II					30	
UPB.03.M3.O.09-11	Advanced Topics in Distributed Systems	III	2			2	5	E
UPB.03.M3.O.09-12	Advanced Topics in Computer and Network Security	III	2			2	5	E
UPB.03.M3.O.09-13	Dependable Systems	III	2		2		5	E
UPB.03.M3.A.09-14	Elective course	III	2			2	5	E
	Total teaching hours: 16h	III	8	0	2	6	20	
UPB.03.M3.O.09-15	Research activities: 12h	III	12				10	P
	Total credit points	III					30	
	Total teaching hours: 0h	IV						
UPB.03.M3.O.09-16	M.Sc. thesis preparation	IV				12	12	P/NP
UPB.03.M3.O.09-17	Internship, Scientific Research	IV				16	18	P
	Total credit points	IV				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.

Program coordinator
Prof. Valentin Cristea

Dean
Prof. Adina Magda Florea