

CURRICULUM 1st year

	No	Courses		Hours/week					Evaluation	
		Name	Code	C	S	L	P	ECT S		
1st semester	Compulsory courses (O)									
	1	Experimental Research	UPB.06.M1.O.01	2	0	2	0	4	E	
	2	Mechanical Behaviour of Engineering Materials	UPB.06.M1.O.02	2	0	0	2	6	E	
	3	Creativity and intellectual property	UPB.06.M1.O.03	2	0	2	2	7	E	
	4	Experimental Research - Project	UPB.06.M1.O.04	0	0	0	2	3	P	
	5	Scientific research 1/Practical stage 1	UPB.06.M1.O.05	12			10	P		
	Total: Compulsory courses (O)				6	0	4	6	30	
	Optional courses (A)									
	Total Optional courses (A)				0	0	0	0	0	
	Total: Compulsory and optional courses (O+A)				6	0	4	6	30	
T O T A L: H O U R S / W E E K				28						
2nd semester	Compulsory courses (O)									
	1	Additive Manufacturing	UPB.06.M2.O.01	2	0	2	0	4	E	
	2	Advanced Production Planning and Scheduling	UPB.06.M2.O.02	2	0	2	0	6	E	
	3	Industry 4.0	UPB.06.M2.O.03	2	0	2	2	7	E	
	4	Additive Manufacturing - Project	UPB.06.M2.O.04	0	0	0	2	3	P	
	5	Scientific research 2/Practical stage 2	UPB.06.M2.O.05	12			10	P		
	Total: Compulsory courses (O)				6	0	6	4	30	
	Optional courses (A)									
	Total Optional courses (A)				0	0	0	0		
	Total: Compulsory and optional courses (O+A)				6	0	6	4	30	
T O T A L: H O U R S / W E E K				28						

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 Mihnea COSTOIU

CURRICULUM 2nd year

	No.	Courses		Hours/week					Evaluation	
		Name	Code	C	S	L	P	ECTS		
1st semester	Compulsory courses (O)									
	1	Factory Simulation	UPB.06.M3.O.01	2	0	2	0	5	E	
	2	Technical Entrepreneurship for SME	UPB.06.M3.O.02	2	0	2	0	5	E	
	3	Quality Engineering and Management	UPB.06.M3.O.03	2	0	0	2	5	E	
	4	E-business in industrial engineering	UPB.06.M3.O.04	2	0	0	2	5	E	
	5	Scientific research 3/Practical stage 3	UPB.06.M3.O.05	12			10	P		
	Total: Compulsory courses (O)				8	0	4	4	30	
	Optional courses (A)									
	Total Optional courses (A)				0	0	0	0	0	
	Total: Compulsory and optional courses (O+A)				8	0	4	4	30	
T O T A L: H O U R S / W E E K				28						
2nd semester	Compulsory courses (O)									
	1	Scientific research 4/Practical stage 4 (inclusivdefinitivarelucreare de disertatie)	UPB.06.M4.O.01	28			30	V		
	Total: Compulsory courses (O)				0	0	0	0	30	
	Optional courses (A)									
	Total Optional courses (A)				0	0	0	0	0	
	Total: Compulsory and optional courses (O+A)				0	0	0	0	30	
	T O T A L: H O U R S / W E E K				28					
Disertation Exam							10	E		

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