

SEMESTER I													
Nr. crt.	Discipline code	Disciplines semester I	Category	No. ECTS	hours/week					hours, total		evaluation form	
					C	S	L	P	C/P	Assisted activities	individual stud		
<b>Compulsory Disciplines (Ob)</b>													
1	UPB.14.01.Ob.03-01	Smart biomaterials	DA	4	2		1			42	58	E	
2	UPB.14.01.Ob.03-02	Smart and biomimetic biomaterials	DA	4	2		1			42	58	E	
3	UPB.14.01.Ob.03-03	Active nanobiostructured surfaces and interfaces engineering	DS	4	2		1			42	58	E	
4	UPB.14.01.Ob.03-04	Settings of biomaterials	DS	4	2		1			42	58	V	
5	UPB.14.01.Ob.03-05	Dental cements	DA	4	2		1			42	58	V	
6	UPB.14.01.Ob.03-06	Scientific research I	DA	10					12	168	82	V	
<b>Statistics:</b>				ECTS/Hours:	30	10	0	5	0		378	372	Ex. Ver.
				Number:		5	0	5	0				3 3
SEMESTER II													
Nr. crt.	Discipline code	Disciplines semester II	Category	No. ECTS	hours/week					hours, total		evaluation form	
					C	S	L	P	C/P	Assisted activities	individual stud		
<b>Compulsory Disciplines (Ob)</b>													
1	UPB.14.02.Ob.03-07	Artificial tissues and organs	DA	4	1		1	1		42	58	V	
2	UPB.14.02.Ob.03-08	Radiation interactions with nanobiomaterials and living tissue	DS	4	1		1			28	72	E	
3	UPB.14.02.Ob.03-09	Advanced technologies for biomaterials processing-1	DA	4	1		1			28	72	E	
4	UPB.14.02.Ob.03-10	Carbon-based polymeric biomaterials for bioengineering	DA	4	2		1			42	58	E	
5	UPB.14.02.Ob.03-11	Tissue regeneration engineering with stem cells	DA	4	2		1			42	58	V	
6	UPB.14.02.Ob.03-12	Scientific research II	DA	10					12	168	82	V	
<b>Statistics:</b>				ECTS/Hours:	30	7	0	5	1		350	400	Ex. Ver.
				Number:		5	0	5	1				3 4
SEMESTER III													
Nr. crt.	Discipline code	Disciplines semester III	Category	No. ECTS	hours/week					hours, total		evaluation form	
					C	S	L	P	C/P	Assisted activities	individual stud		
<b>Compulsory Disciplines (Ob)</b>													
1	UPB.14.03.Ob.03-13	Advanced bioceramics	DA	4	1		2			42	58	E	
2	UPB.14.03.Ob.03-14	Protein engineering	DS	5	2		2			56	69	E	
3	UPB.14.03.Ob.03-15	(Bio)Functionalized polymers-scaffolds for regenerative and personalized medicine	DS	5	1		1	2		56	69	E	
4	UPB.14.03.Ob.03-16	Advanced technologies for biomaterials processing-2	DA	4	2		0			28	72	E	
5	UPB.14.03.Ob.03-17	Ethics and academic integrity	DC	2	1					14	36	V	
6	UPB.14.03.Ob.03-18	Scientific research III	DA	10					12	168	82	V	
<b>Statistics:</b>				ECTS/hours:	30	7	0	5	2		364	386	Ex. Ver.
				Number:		5	0	4	1				4 3
SEMESTER IV													
Nr. crt.	Discipline code	Disciplines semester IV	Category	No. ECTS	hours/week					hours, total		evaluation form	
					C	S	L	P	C/P	Assisted activities	individual stud		
<b>Compulsory Disciplines (Ob)</b>													
1	UPB.14.04.Ob.03-19	Scientific research, research practice and elaboration of dissertation	DA	30					26	364	386	V	
<b>Statistics:</b>				ECTS/hours:	30	0	0	0	0		364	386	Ex. Ver.
				Number:		0	0	0	0				0 2