

CURRICULUM **
Year of study I

Code	Disciplines*	Type	Sem. I [hours / week]				Total of hours / sem.	Type of Exami- nation	Cre- dits	IS [hours / sem.]	Condi- tioning
			C	S	L	P					
	OBLIGATORII IMPUSE										
STII-0660	Medical biophysics	AKD	2	1	1	-	56	Ex	8	144	
STII-0144	Radiations physics	AKD	2	2	-	-	56	Ex	8	144	
STII-0659	Particle accelerators. Generating radiotion and radioisotopes	CD	2	-	1	-	42	Cv	6	108	
STII-0185	Biomaterials	AKD	2	-	1	-	42	Ex	6	108	
STII-0766	Ethics and integrity in scientific research	CD	1	-	-	-	14	Cv	2	36	
	TOTAL		9	3	3	-	210		30	540	

Code	Disciplines*	Type	Sem. II [hours / week]				Total of hours / sem.	Type of Exami- nation	Cre- dits	IS [hours / sem.]	Condi- tioning
			C	S	L	P					
	OBLIGATORII IMPUSE										
STII-0661	Medical optics	AKD	2	1	1	-	56	Ex	8	144	
STII-0172	Lasers. Utility in biology and medicine	AKD	2	1	-	-	42	Ex	7	133	
STII-0174	Radiobiology	CD	2	1	-	-	42	Cv	7	133	
STII-0662	Physical principles of physiotherapy and complementary therapies	CD	2	1	1	-	56	Ex	8	144	
	TOTAL		8	4	2	-	196		30	554	

Legend: C - Course; S - Seminar; L - Practical (laboratory); P - Project; IS - Individual Study;
 THD - Thoroughgoing Disciplines; SYD - Synthesis Disciplines; AKD - Advanced Knowledge Disciplines; UO - University Choice; DR - Disciplines relevant to the students' training in a certain field, available according to the options of the institution.
 Type of Examination - Verification Form, Ex. - examination; Cv. - Colloquium, Vp. - Continuous Assessment, Pr - Project; A/R- Passed/Failed; Credits - number of ECTS credits; IS - Individual study.

Head of departament ,
Professor Dr. Adina Monica TODERAŞ

RECTOR,
Professor Dr. BUNGĂU Constantin

DEAN,
Professor Dr. MACOCIAN Eugen-Victor

CURRICULUM **
Year of study II

Code	Disciplines*	Type	Sem. III [hours / week]				Total of hours / sem.	Type of Exami- nation	Cre- dits	IS [hours / sem.]	Condi- tioning
			C	S	L	P					
	<i>OBLIGATORII IMPUSE</i>										
STII-0171	Imagistics and magnetic resonance	AKD	2	1	1	-	56	Ex	8	144	
STII-0663	CT and PET radiology and imaging	AKD	2	-	1	-	42	Ex	7	133	
STII-0664	Radiotherapy	AKD	2	1	-	-	42	Ex	7	133	
STII-0238	Research practice	CD	-	-	4	-	56	Cv	8	144	
	TOTAL		6	2	6	-	196		30	554	

Code	Disciplines*	Type	Sem. IV [hours / week]				Total of hours / sem.	Type of Exami- nation	Cre- dits	IS [hours / sem.]	Condi- tioning
			C	S	L	P					
	<i>OBLIGATORII IMPUSE</i>										
STII-0178	Radioactivity and applications to physical and biological processes.	AKD	2	1	-	-	36	Ex	7	139	
STII-0648	Interventional Imaging	AKD	2	1	1	-	48	Ex	8	152	
STII-0180	Quality insurance and radio-diagnosis in radiotherapy	CD	2	1	-	-	36	Ex	7	139	
STII-0637	Preparing the dissertation	CD	-	-	4	-	48	A/R	8	152	
	TOTAL		6	3	5	-	168		30	582	

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VIII. DISTRIBUTION OF CREDITS ACCORDING TO COMPETENCES (TABLES NRQHE /ARACIS - Grid 1 *)

No.	Discipline**	Sem.	Number of credits	Professional Competences						Transversal Competences		
				C1	C2	C3	C4	C5	C6	CT1	CT2	CT3
1.	Medical biophysics	I	8	2	2	2			2			
2.	Radiations physics	I	8	2	1	2	1		2			
3.	Particle accelerators. Generating radiation and radioisotopes	I	6	1		1		1	1	1	1	
4.	Biomaterials	I	6	1		1	1		2		1	
5.	Ethics and integrity in scientific research	I	2							2		
6.	Medical optics	II	8	2	2	2			2			
7.	Lasers. Utility in biology and medicine	II	7	2	1		1		2	1		
8.	Radiobiology	II	7	2		2	1		1			1
9.	Physical principles of physiotherapy and complementary therapies	II	8	2	1	1	1	1	2			
10.	Imagistics and magnetic resonance	III	8	1	1	2		1	2	1		
11.	CT and PET radiology and imaging	III	7	1	1	1	1	1	1		1	
12.	Radiotherapy	III	7	2		2		1	1	1		
13.	Research practice	III	8							3	2	3
14.	Radioactivity and applications to physical and biological processes.	IV	7	2	1	1	1		1			1
15.	Interventional Imaging	IV	8	2	1	1	1	1	1	1		
16.	Quality insurance and radio-diagnosis in radiotherapy	IV	7	2	1	1	1		1	1		
17.	Preparing the dissertation	IV	8							3	2	3

Legendă: C1 și C5 sau C6 - Competențe profesionale; CT1 și CT3 - Competențe transversale

* Se va utiliza Grila 1 (G1) care prezintă variantele: G1L și G1M corepunzătoare la ciclurile de studii de licență și masterat, din conformitate cu Ordinul MECS nr. 5703 / 18.10.2011.

** Se vor trece toate disciplinele din Planul de învățământ