

Sem. I		Sem. II
14	Weeks no./sem. if $\neq 14$	

Subject	Cod	A S C	OB OP F	Opt. 0/≥1	C1	S1	L1	P1	CT1	FV1	C2	S2	L2	P2	CT2	FV2	SI
MANDATORY AND OPTIONAL SUBJECTS																	
Advanced semiconductors, dielectrics, and ferroelectrics	D2MMCMPM301	A	OB	1	2		2		6	E							94
Scattering theory	D2MMCMPM302	A	OB	1	2	2			6	E							94
Numerical Approaches in Astronomy/ Biomedical signals	D2MMCMPM303/ D2MMCMPM304	S	OP	1	2		1		5	E							83
Physics-based deep learning/ Radiation therapy physics	D2MMCMPM305/ D2MMCMPM306	S	OP	1	2		1		5	E							83
Processing scientific data with Python	D2MMCMPM307	S	OB	1	1		1		4	V							72
Specialized Professional Practice I	D2MMCMPM308	S	OB	1				3	4	V							58
Elementary particles and fundamental interactions	D2MMCMPM409	A	OB	1							2	2			6	E	102
Nonlinear models in physics/ Advanced techniques in medical physics	D2MMCMPM410/ D2MMCMPM411	S	OP	1							2		1		5	E	89
Object-oriented programming applied to physics/ Tumor progression and growth: approaches and models	D2MMCMPM412/ D2MMCMPM413	S	OP	1							2		1		5	E	89
Lasers	D2MMCMPM414	S	OB	1							2		1		5	E	89
Specialized Professional Practice II	D2MMCMPM415	S	OB	1										3	4	V	64
Elaboration of master dissertation	D2MMCMPM416	S	OB	1										4	5	V	77
TOTAL					9	2	5	3	30		8	2	3	7	30		
FACULTATIVE SUBJECTS																	
TOTAL					0	0	0	0	0		0	0	0	0	0		

A-aprofundare
S-sinteză, de cunoaștere avansată