

UNIVERSITY OF CRAIOVA
 Faculty of Sciences
 Department: Physics (D2)
 Hierarchical domain: Physics
 Programme of studies: Theoretical Physics (MTP)
 Duration of studies: 2 years
 Full-time course

Approved starting with
 the academic year 2021-2022

Sem. I		Sem. II
14	Weeks no./sem. if ≠ 14	12

CURRICULUM-Second year (2022-2023)

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																	
Nonlinear dynamical systems	D2MTPM301	S	OB	1	2	2			8	E							144
Many-particle physics	D2MTPM302	S	OB	1	2	2			8	E							144
Mathematical Physics II/ Partially ordered systems	D2MTPM303/ D2MTPM304/	A	OP	1	2	1			7	E							133
Introduction to supersymmetries and supergravity	D2MTPM305	A	OB	1	2	1			7	C							133
Lagrangian BRST symmetry	D2MTPM406	S	OB	1							2	2			8	E	152
Extended BRST symmetries	D2MTPM407	A	OB	1							2	1			6	E	144
Interactions in field theory/ Theory of solid state	D2MTPM408/ D2MTPM409/	A	OP	1							2	1			6	E	114
Scientific research laboratory	D2MTPM410	A	OB	1									3		5	C	89
Elaboration of master dissertation (2 weeks x 40 hours = 80 hours)	D2MTPM411	A	OB	2										6.66	5	V	45
TOTAL					8	6	0	0	30		6	4	3	0	30		
FACULTATIVE SUBJECTS																	
TOTAL																	
					0	0	0	0	0		0	0	0	0	0		