Graduate Study Programme
2-year MA Physics

		Exam.	Total				First Year								Second Year							
		sem.	h				1 sem				2 sem				3 sem.				4 sem			
Lp	**The Courses**			**Lec.**	**Class.**	**Lab.**	**Le**	**C**	**La**	**ETCS**	**Le**	**C**	**La**	**ETCS**	**Le**	**C**	**La**	**ETCS**	**Le**	**C**	**La**	**ETCS**
1	Analytical Mechanics	1	60	30	30		2	2		5												
2	Field Theory	2	60	30	30						2	2		6								
3	Nuclear and Elementary Particles Physics	1	60	30	30		2	2		5												
4	Nuclear Physics Lab		45			45			3	4												
5	Solid State Physics	1	90	45	45		3	3		6												
6	Electronics in Physics Experiment or Computer Simulations		45	15		30					1		2	3								
7	Advanced Numerical Methods in Physics		45	30		15	2		1	5												
8	Physics Lab		75			75							5	10								
9	Quantum Physics	2	75	45	30						3	2		7								
10	Nonlinear Dynamical Systems and Chaos	2	45	30		15					2		1	4								
11	Stochastic Modelling	3	45	30		15									2		1	5				
12	Monographic lecture I	1 or 2	45	30	15		2	1		5												
13	Monographic lecture II	3	45	30	15										2	1		5				
14	Monographic lecture III	3 or 4	45	30	15														2	1		5
15	Monographic lecture IV	4	45	30	15														2	1		5
16	English - discussion sessions		30		30															2		2
17	Basics of Micro Entrepreneurship		30	15	15										1	1		2				
18	Graduate Seminar		60		60											2		2		2		2
19	Master Diploma Lab		60			60											2	6			2	6
20	Diploma work and exam	4																10				10
	Total	12	1005	420	330	255	11	8	4	**30**	8	4	8	**30**	5	4	3	**30**	4	6	2	**30**
	Number of exams in session and hours per week		1005				4		23		3		20		2		12		2		12	
	Number of hours in semester								345				300				180				180	
								Exam								Credit (grade)						