

PhD program in Nuclear Physics (2013)

The total minimum required number of credits:	94 credits
- Coursework:	24 credits
+ Basic courses:	12 credits
• Required:	09 credits
• Elective:	03/6 credits
+ Advanced foreign languages for academic purposes:	04 credits
+ Advanced courses:	06/12 credits
+ Overview:	02 credits
- Research	
- PhD Thesis:	70 credits

Available curriculum:

No	Code	Subjects	Credits	Credits			Prerequisite
				<i>Lecture</i>	<i>Practice</i>	<i>Self-study</i>	
I	Part 1. Coursework						
I.1	Basic courses		12				
I.1.1	Required		9				
1	PHY8041	<i>Selected Topics on Nuclear</i>	3	30		15	
2	PHY8042	<i>High Energy Physics</i>	3	30		15	
3	PHY8043	<i>Applied Nuclear Physics</i>	3	30		15	
I.1.2	Elective		3/6				
4	PHY8044	<i>Nuclear Models</i>	3	30		15	
5	PHY8045	<i>Astro Particle Physics</i>	3	30		15	

No	Code	Subjects	Credits	Credits			Prerequisite
				Lecture	Practice	Self-study	
I.2	Advanced foreign languages for academic purposes:		4				
6	ENG8001	<i>Advanced English for Academic Purposes</i>	4			60	
I.3	Advanced courses		6/12				
7	PHY8046	<i>Nuclear Energy</i>	3	30		15	
8	PHY8047	<i>Detector Systems</i>	3	30		15	
9	PHY8048	<i>Neutrino Physics</i>	3	30		15	
10	PHY8049	<i>AntiMatter</i>	3	30		15	
I.4	Overview		2				
11	PHY8050	<i>Research Perspective Report</i>	2			30	
II	Part 2. Research (research planning, publishing ...)						
III	Part 3. Doctoral Thesis						
12	PHY9004	<i>Doctoral thesis</i>	70				
		Total	94				