

PhD program in Physics of the Earth (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	Credit hours			Prerequisite
				Lecture	Practice	Self-study	
I	Part 1. Coursework						
I.1	Basic courses		12				
I.1.1	Required		9				
1	PHY8071	<i>Interpretation of gravity and magnetic data</i>	3	15	15	15	PHY 6071
2	PHY8072	<i>Interpretation of Geoelectric data</i>	3	15	15	15	PHY 6073
3	PHY8073	<i>Interpretation of Seismic data</i>	3	15	15	15	PHY 6072
I.1.2	Elective		3/6				
4	PHY8074	<i>High precision gravity method</i>	3	15	15	15	PHY 6071

No	Code	Subjects	Credits	Credit hours			Prerequisite
				Lecture	Practice	Self-study	
5	PHY8075	<i>Electromagnetic methods</i>	3	15	15	15	PHY 6073
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	PHY8076	<i>Statistical processing of geophysics data</i>	3	15	15	15	PHY 6071 PHY 6072 PHY 6073
8	PHY8077	<i>Magnetic method in low-latitude region</i>	3	15	15	15	PHY 6075
9	PHY8078	<i>Subsurface geophysical methods</i>	3	15	15	15	PHY 6073
10	PHY8079	<i>Modeling in seismic methods</i>	3	15	15	15	PHY 6072
I.4	Overview		2				
11	PHY8080	<i>Research Perspective Report</i>	2			30	
II	Part 2. Research (research planning, publishing ...)						
III	Part 3. Doctoral Thesis						
12	PHY9007	<i>Doctoral thesis</i>	70				
		Total	94				