Study program	Level of studies		First cycle	First cycle	
	Study program name		Physics Education	Physics Education	
Course name	ELECTROMAGNETISM				
Course ID	Semester	Course status	ECTS credits	L+E	
PHY3611		MANDATORY	6	3+2	
Lecturer					
Aims and intended learning outcomes	The objective of the course is to introduce students through lectures and auditory exercises with phenomena in the field of Electromagnetism. It is expected that students successfully adopt the content of the course and that the acquired knowledge is successfully applied in their further academic education and/or scientific work.				
		Course content			
Alternating current. R	LC circuit.	In siaw. Amperesiaw.	Inductance. Electroma	gnetic induction.	
Student workload (hours) Lectures and Exercises 75		Assessme	, , , , , , , , , , , , , , , , , , ,		
	70		rse Test		
Exam preparation			al Exam	60	
Assignments	0	Fille		40	
Other Total	150	<u> </u>			
TOLAI	150	Total		100	
		Literature		100	
 Nikola Cindro: I. Bleaney and S. Grant and Partial and final exam c 	lektricitet i magnetiz Elektricitet i magne B. Bleaney: Electic N. R. Phillips: Electr onsists of a theoreti assignments is 30	am, Naučna knjiga, Beog tizam, Školska knjiga, Zag ity and Magnetism, Oxfor omagnetism, John Wiley Remarks ical part and multiple assi and 20, respectively. The	greb, 1988. d University Press, Oxford, <u>& Sons, Chichester, 1995.</u> gnments. The maximum n successful completion of	umber of points in the course implies	