Program	Level of studies		First cycle	First cycle	
	Program name		Physics	Physics	
Course name	ELECTROMAGNETISM				
Course ID	Semester	Course status	ECTS cred	its L+E	
PHY3611	II	MANDATORY	6	3+2	
Lecturer	Prof. dr. Senad Odžak				
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			
Magnetic property of Alternating current. R	matter. Biot-Sava LC circuit.	n in liquids and gase irt's law. Ampere's law	/. Inductance. Elect	romagnetic induction.	
Student workload (hours)		<b>A</b>	Grading Assessment method Points		
Lectures and Exercis				Points	
Exam preparation	70		Irse Test	60	
Assignments	0	FIN	al Exam	40	
Other Total	150	<u> </u>			
TOLAI	150	Total		100	
		Literature		100	
1. Lecture Notes 2. F.W. Sears, E	lektricitet i magnetiz Elektricitet i magne	am Naučna knjiga Beo	ared 1062		