

NAME OF THE COURSE		History of classical physics				
Code	PMP009	Year of study	1. diplomski			
Course teacher	Franjo Sokolić	Credits (ECTS)	4,0			
Associate teachers		Type of instruction (number of hours)	P	S	V	T
			30			
Status of the course	elective	Percentage of application of e-learning	10%			
COURSE DESCRIPTION						
Course objectives	To understand and to be able to explain the basic concepts of physics					
Course enrolment requirements and entry competences required for the course	None					
Learning outcomes expected at the level of the course (4 to 10 learning outcomes)	To be able to explain the concepts of: space, time, mass, force and energy; the principles of inertia and relativity; and the laws of conservation and invariance.					
Course content broken down in detail by weekly class schedule (syllabus)	Mechanics 10 hours Electromagnetism 10h Thermodynamics 10h					
Format of instruction	Frontal Seminar					
Student responsibilities	To do home works. To prepare seminar.					
Screening student work (name the proportion of ECTS credits for each activity so that the total number of ECTS credits is equal to the ECTS value of the course)	Home works Seminar					
Grading and evaluating student work in class and at the final exam	Partial and final exams					
Required literature (available in the library and via other media)						
	James Cushing: Philosophical Concepts in Physics, CUP, 2012.					

Optional literature (at the time of submission of study programme proposal)	Malcolm Longair: Theoretical Concepts in Physics, CUP, 2012.
Quality assurance methods that ensure the acquisition of exit competences	Home works Partial exams
Other (as the proposer wishes to add)	