NAME OF THE COURSE	Relativistic physics					
Code	PMP401	Year of study				
Course teacher	Franjo Sokolić	Credits (ECTS)	3,0			
Associate teachers		Type of instruction (number of hours)	P	S	V	T
			30		15	
Status of the course	elective	Percentage of application of e-learning	10%			
COURSE DESCRIPTION						
Course objectives	To understand and apply the theory of relativity					
Course enrolment requirements and entry competences required for the course	General physics					
Learning outcomes expected at the level of the course (4 to 10 learning outcomes)	1. To explain the basic principles of STR 2. To apply four vectors 3. To explain the basis priciples of GTR					
Course content broken down in detail by weekly class schedule (syllabus)	Basic principles of STR 10h Minkowsky space 10h Basic principles of GTR 10h					
Format of instruction	Frontal Seminar					
Student responsibilities	Home works 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 1 ECTS Seminar 1 ECTS					
Grading and evaluating student work in class and at the final exam	Final exam 1 ECTS					
Required literature (available in the library and via other media)	W. Rindler: Relativity , Oxford, 2006					

Optional literature (at the time of submission of study programme proposal)	V. A. Ugarov. Special Theory of Relativity, MIR 1979.
Quality assurance methods that ensure the acquisition of exit competences	Test
Other (as the proposer wishes to add)	