Prodram	Level of studies		First cycle	
Program	Program name		Educational Physics	
Course name	SPECIAL THEORY OF RELATIVITY			
Course ID	Semester	Course status	ECTS credits	L+E
PTH6511	VI	MANDATORY	5	2+2
Lecturer	Prof. dr. Elvedin Hasović			
Aims and intended learning outcomes	The goal of the course is to provide students with basic knowledge about relativistic phenomena in mechanics, electrodynamics and optics. At the end of the course the student should be able to: -understand the basic principles of the theory of relativity; -apply the Lorentz transformations; -understand and apply the concept of the four-vector; - solve numerical problems in the field of theory of relativity.			
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