Program	Level of studies		First cycle	First cycle	
	Program name		Educational Phy	Educational Physics	
Course name	COMPUTATIONAL PHYSICS II				
Course ID	Semester			L+E	
PCS8611	VIII	MANDATORY	6	2+2	
Lecturer	Prof. dr. Senad Odžak				
Aims and intended learning outcomes	The aim of the course is to introduce students to basic numerical methods with application in the field of Theoretical Physics and the ability to use computers in the modelling of physical systems and processes. It is expected that students successfully adopt the content of the course and that the acquired knowledge is successfully applied in further academic education and/or scientific work.				
		Course content			
Numerov method. Me	ithods of linear alg	gebra. Recursive and iter	ative algorithms.		
Student workload (hours)			Grading		
Lectures and Exercise	es 75	Assessmen	t method	Points	
Exam preparation	70	_	e Tests ssignments)	60	
	0				
Assignments	0	Final Exa	m (Theory)	40	
Assignments Other	5	Final Exa	m (Theory)	40	
-			m (Theory)	40	
Other	5		m (Theory)	40	
Other	5)	m (Theory)		