

1. GENERAL INFORMATION			
1.1. Course teacher	Ass. Prof. Nenad Malović, PhD	1.6. Year of the study programme	1 st
1.2. Name of the course	Cosmology	1.7. Credits (ECTS)	3
1.3. Associate teachers		1.8. Type of instruction (number of hours L + S + E + e-learning)	30 P
1.4. Study programme (undergraduate, graduate, integrated)	Integrated	1.9. Expected enrolment in the course	90
1.5. Status of the course	Obligatory	1.10. Level of application of e-learning (level 1, 2, 3), percentage of online instruction (max. 20%)	2
2. COUSE DESCRIPTION			
2.1. Course objectives	To familiarise students with philosophical views on material reality.		
2.2. Course enrolment requirements and entry competences required for the course	Fulfilled requirements for enrolment into the study programme.		
2.3. Learning outcomes at the level of the programme to which the course contributes	<ul style="list-style-type: none"> - familiarisation with and understanding of fundamental contents of cosmology, - being capable of independent interpretation and critical evaluation of contemporary achievements in natural sciences - being capable of interdisciplinary cooperation in the area of humanistic and social sciences on the study, scientific, and research level 		
2.4. Learning outcomes expected at the level of the course (4 to 10 learning outcomes)	<ul style="list-style-type: none"> - knowing and understanding beginnings and sources of philosophising in general - knowing and understanding basic terms in cosmology - knowing and understanding historical development of view of the world - knowing, understanding, and relating results in natural sciences with the view of the world 		
2.5. Course content broken down in detail by weekly class schedule (syllabus)	<ol style="list-style-type: none"> 1. Cosmology – the beginning of philosophising 2. Philosophy and myth 3. The historical development of philosophy of nature 4. Arche 5. Hylosoism, hylomorphism 6. Science in the Classical period 7. Development of natural sciences 8. The role of natural sciences in the modern worldview 9. The relation between modern cosmology and philosophy 10. Mater. Space and time 11. Extensity and bodily substance 12. The relation between movement and time 13. The origin of universe and life 14. Physics and metaphysics 15. Philosophy of life. Death 		
2.6. Format of instruction:	X lectures seminars and workshops	individual tasks multimedia and net	2.7. Comments:

DETAILED PROPOSAL OF THE STUDY PROGRAMME

	exercises <input type="checkbox"/> <i>on line</i> in complete <input type="checkbox"/> mixed e-learning <input type="checkbox"/> field classes	laboratory mentor-guided work (add other)			
2.8. Student responsibilities					
2.9. Screening student work (<i>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</i>)	Class attendance	1	Research	Practical work	
	Experiments		Report	(add other)	
	Essay		Seminar paper	(add other)	
	Preliminary exam		Oral exam	(add other)	
	Written exam		Project	(add other)	
2.10. Grading and evaluating student work in class and at the final exam		Class attendance and active participation in classes 20% Oral exam 80%			
2.11. Required literature (available in the library and via other media)	Title			Number of copies in the library	Availability via other media
	Bajsić, V., <i>Granična pitanja religije i znanosti. Studije i članci.</i> (edited by. S. Kušar). Zagreb, 1998. pp. 249-357.			7	
	Aristotel, <i>Fizika.</i> Zagreb 1987.			3	
	Pavlović, B. U., <i>Filozofija prirode.</i> Zagreb 1978.				3
	Petković, T., <i>Uvod u modernu kozmologiju i filozofiju.</i> Šibenik-Zagreb, 2006.			4	
2.12. Optional literature (at the time of submission of study programme proposal)		Moritz, H., <i>Znanost, um, svemir. Uvod u prirodnu filozofiju.</i> Zagreb, 1998. Weinberg, S., <i>Prve tri minute svemira. Moderni pogled na početak svemira.</i> Zagreb 1994. Heisenberg, W., <i>Promjene u osnovama prirodne znanosti.</i> Zagreb 1998.			
2.13. Quality assurance methods that ensure the acquisition of exit competences		Continuous spiral relating of mater through discussions during classes.			
2.14. Other (as the proposer wishes to add)					