



COURSE DESCRIPTION							
Course instructor		Doc. Dr. Sc. Zdenka Brzović					
Name of the course		Philosophy of Science					
Study programme		Graduate study: Cognitive Sciences: Cognition and the Mind					
Status of the course		Elective					
Year of study		Erasmus and other mobility students					
ECTS credits and manner of instruction		ECTS credits			6		
		Number of class hours (L+P+S)			10+10+0		
<i>1. Course objectives</i>							
The main aims of the course are to i) familiarise students with contemporary discussions within philosophy of science, ii) increase the level of understanding of contemporary science from the perspective of philosophy of science, iii) clarify potential interactional influences between philosophy of science and corresponding scientific disciplines, and iv) increase the independence of students in their research.							
<i>2. Course enrolment requirements</i>							
Enrolment in the Masters programme; completed course 'Introduction to the Disciplines and Work in Cognitive Sciences'							
<i>3. expected learning outcomes</i>							
to explain recent discussions within contemporary philosophy of science, to defend different philosophical positions within discussions on contemporary philosophy of science.							
<i>4. Course content</i>							
Epistemological priority of science: What is science, difference between science and pseudo-science; Scientific inferences; scientific explanations, prediction and intervention; scientific realism and anti-realism (instrumentalism); progress in science and scientific revolutions; philosophical problems in special sciences (biology, psychology, neuroscience); science and society.							
<i>5. Manner of instruction</i>		lectures			individual assignments		
		seminars and workshops			multimedia and network		
		practicals			laboratory		
		distance learning			mentorship		
		fieldwork			other _____		
<i>6. Comments</i>							
<i>7. Student responsibilities</i>							
To regularly attend classes and actively participate in seminars. To write a seminar paper.							
<i>8. Monitoring³¹ of student work</i>							
Class attendance	x	Class participation	x	Seminar paper		Experimental work	

Written exam		Oral exam		Essay		Research	
Project	x	Continuous assessment		Report		Practical work	
Portfolio							
<i>9. Assessment of learning outcomes in class and at the final exam (procedure and examples)</i>							
Students' work and learning outcomes will be evaluated and assessed during classes and work on a seminar paper and a project. A detailed elaboration of monitoring and assessing students' work will be presented in the course syllabus.							
<i>10. Mandatory literature (at the time of submission of study program proposal)</i>							
Okasha, Samir (2004). <i>Philosophy of Science: A Very Short Introduction</i> . Oxford University Press.							
Godfrey-Smith, Peter (2003). <i>Theory and Reality: An Introduction to the Philosophy of Science</i> . Chicago University Press.							
Philip Kitcher and Gillian Barker (2014). <i>Philosophy of Science: A New Introduction</i> . Oxford University Press.							
<i>11. Additional literature (at the time of submission of study program proposal)</i>							
Samir Okasha (2019). <i>Philosophy of Biology: A Very Short Introduction</i> . Oxford University Press.							
Godfrey-Smith, Peter (2014). <i>Philosophy of Biology</i> . Princeton University Press.							
<i>12. Number of assigned reading copies in relation to the number of students currently attending the course</i>							
Title		Number of copies			Number of students		
Okasha, Samir (2004). <i>Philosophy of Science: A Very Short Introduction</i> . Oxford University Press.		5					
Godfrey-Smith, Peter (2003). <i>Theory and Reality: An Introduction to the Philosophy of Science</i> . Chicago University Press.		4					
Philip Kitcher and Gillian Barker (2014). <i>Philosophy of Science: A New Introduction</i> . Oxford University Press.		2					
<i>13. Quality monitoring methods that ensure the acquisition of exit knowledge, skills and competencies</i>							
Continuous monitoring of students' progress by the lecturer, anonymous survey evaluating the course and joint discussion at the end of the course.							