Course description

1. GENERAL INFORMATION											
1.1. Course teacher	Assistant professor Ines Skela	IC	1.6. Year of the study	1 st							
1.2. Name of the course	Logic		1.7. ECTS credits	5							
1.3. Associate teachers	-		1.8. Type of instruction (number of hours L + E + S + e-learning)	45+15+0							
1.4. Study programme (undergraduate, graduate, integrated)	undergraduate		1.9. Expected enrolment in the course	20							
1.5. Status of the course	⊠ mandatory	elective	1.10. Level of application of e-learning (level 1, 2, 3), percentage of online instruction (max. 20%)								
2.COUSE DESCRIPTION											
2.1. Course objectives	The objectives of the course are: to introduce students to the terminology of logical thinking; train for critical logical analysis of argumentation in everyday language; adoption of rules for defining, deductive and inductive thinking and application of these rules in the analysis and evaluation of arguments, and in setting one's own arguments in student and scientific work.										
2.2. Enrolment requirements and/or entry competences required for the course											
2.3. Learning outcomes at the level of the programme to which the course contributes	Critically evaluate various philosophical conceptions and directions and take one's own position in that sense. Form arguments in everyday and scientific use based on the literature read. Use scientific methodology, be able to write scientific papers. Develop critical thinking.										
2.4. Expected learning outcomes at the level of the course (3 to 10 learning outcomes)	Be familiar with and apply logical terminology Analyze the propositional content of natural language sentences and present it in the language of formal logic Recognize and evaluate arguments and evaluate their plausibility and validity Recognize formal and informal errors in reasoning Using the tools of informal and formal logic to identify, analyze and evaluate arguments and their structure Analyze and evaluate the logical structure of texts, prove logical relations and identify typical errors in argumentation Apply and demonstrate basic methods and strategies of critical thinking Develop the ability to independently perceive a problem from different perspectives, and to form and take positions										
2.5. Course content (syllabus)	Logic is one of the central instruments of methodical philosophical and other scientific thinking. The course Logic introduces a student to the theory and practice of argument evaluation through the principles of formal and informal logic and critical and creative thinking, with special emphasis on their application in the study of philosophy and religious sciences. Specifically, this includes understanding and recognizing arguments in everyday and scientific use, learning and understanding logical rules, the relationship between logic and natural language, writing in the language of propositional logic and using logical connectives, validating										

	conclusions with truth table methods, reductio ad absurdum and truth trees, recognizing frequent logical errors, and the study of methods of successful argumentation.											
	The course consists of lectures (3 h/w) and exercises (1 h/w).											
2.6. Format of instruction:	 lectures seminars and workshops exercises online in entirety partial e-learning field work 			 ☑ independer ☐ multimedia ☐ laboratory ☐ work with r ☐ (other) 	 ☑ independent assignments ☐ multimedia and the internet ☐ laboratory ☐ work with mentor ☐ (other) 			.7. Comments:				
2.8. Student responsibilities	Attend classes regularly (at least 70% attendance as a condition for obtaining a signature), actively participate in classes, teach assignments on time, give a presentation.											
2.9. Monitoring student work	Class attendance	YES	NO	Research	YES	NO	Ora	Oral exam		YES	NO	
	Experimental work	YES	NO	Report	YES	NO	Ora	Oral presentation		YES	NO	
	Essay	YES	NO	Seminar paper	YES	NO	(oth	(other)		YES	NO	
	Preliminary exam	YES	NO	Practical work	YES	NO	(oth	other)		YES	NO	
	Project	YES	NO	Written exam	YES	NO	EC	ECTS credits (total)				
2.10. Required literature (available in the library and/or via other media)	Title								Availability via other media			
	Macan, Ivan. Uvod u tradicionalnu logiku, priručnik za studente FFDI. Zagreb: 2005.							+	+			
	Baum, Robert. Logic, 4th ed. Forth Worth: 1996.								+			
	Petrović, Gajo. Logika. Element, Zagreb: 2001 (1 st ed. 1964).							+				
	Haack, Susan. Philosophy of Logic. Cambridge University Press, 1978.								+			
	Skelac, Ines, Kardum, Marko, Skansi, Sandro: Logika. Element, Zagreb: 2020.							+				
2.11. Optional literature	Aristotel. On Interpretation. Online edition http://classics.mit.edu/Aristotle/interpretation.html Aristotel. Categories Online edition http://classics.mit.edu/Aristotle/categories.1.1.html Copi, Irving, Cohen, Carl. Introduction to Logic, 10th ed. Upper Saddle River: 1998. Layman, C. Stephen. The power of logic. London: 1999. Prior, A.N. Historija logike. Zagreb: 1970. Runkle, Gerald. Good thinking: An Introduction to Logic, 2nd ed. New York: 1981. Skansi, Sandro. Logika i dokazi. Zagreb: Element. 2016.											
2.12. Other (as the proposer wishes to add)												