COURSE TITLE	LOGIC					
Code	KBF: 123 ISVU: 82141	Year of study	I			
Course teacher/s	Associate professor Ante Vučković, Ph.D.	Credit (ECTS)	4			
Assistants	Ante Akrap, Ph.D.	Type of instruction (number of hours per semester)	L	S	E	T
			45			
Course status	Core course	Percentage of e-learning implementation				
COURSE DESCRIPTION						
Course goals	Familiarise students with the basic concepts and forms of correct reasoning and methods of cognitive science.					
Course enrollment requirements and core competencies						
Expected learning outcomes at the course level (4-10 learning outcomes)	Having successfully completed the course a student should be able to: 1. Master basics in formal propositional logic. 2. Discern basic characteristics of reasonable and sound opinion. 3. Develop the skill for cooperative communication. 4. Know basic scientific theories and their applications. 5. Know basic scientific principles and research practice in the field of humanistic sciences.					
Detailed course content (weekly class schedule)	Origin, definition and development of logic (2). Concept (4). Proposition (4). Conclusion (8). Exercises (4) Cognition methods (2). Definition (2). Classification (1). Scientific discovery and proof (2). Research and presentation (1). Problem, hypothesis, verification (2). Propositional logic (7). Exercises (4). Logic, philosophy, science (2).					
Format of course instruction:	☒ lectures ☒ exercises	☐ mentorship work ☐ (other)				
Student obligations	Class attendance and participation in the teaching programme.					

Screening student work (specify *portion in ECTS credits per each activity so that total*	Class attendance	1,0	Research		Practical training	
	Experimental work		Written representation		Logical problem solving	
	Essay		Seminar essay		(Other)	

| *number of ECTS credits corresponds to the ECTS credit value of the course)* | Mid-term exams | 1,0 | Oral exam | 2,0 | (Other) | |
| | Written exam | | Project | | (Other) | |

| Grading and evaluation of student work in class and at the final exam | Activity in lectures 20%
Oral exam 80% |

	Title	**Number of copies in the library**	**Availability via other media**
Obligatory literature (available in the library or via other media)	A.N. Prior, *Historija logike*, Naprijed, Zagreb, 1970., str. 9 - 30; 87-216.	1	
	Srećko Kovač- Berislav Žarnić, *Logička pitanja i postupci*, Kruzak, studeni 2008.		
	I. A. Kalužnin, *Što je matematička logika*, ŠK, Zagreb, 1975.		
	S. Haack, *Filozofija logika*, Biblioteka Scopus, Zagreb, 2005.		
	M. Jakić, *Logika 1 - za prvostupničku razinu sveučilišnog obrazovanja*, ŠK., Zagreb 2008.		

| Supplementary literature | G. Frege, *Osnove aritmetike i drugi spisi* (odabrali i preveli: F. Grgić - M. Hudoletnjak Grgić, Kruzak, Zagreb, 1995., str. 9-225.
B. Ćirković, *Uvod u matematičku logiku i teoriju rekurzivnih funkcija*, Zagreb, 1996., str. 11-101. |

| Quality assurance methods aimed at ensuring the acquisition of defined learning outcomes | Student-teacher consultations, joint conversation, student attendance register, active student involvement in exercises and assignments, student's achievement at the oral exam. |

| Other (according to the opinion of education provider) | |