



Subject card

Subject name and code	Logic, PG_00037616						
Field of study	Economics						
Date of commencement of studies	October 2020	Academic year of realisation of subject			2020/2021		
Education level	first-cycle studies	Subject group			Obligatory subject group in the field of study Humanistic-social subject group		
Mode of study	Full-time studies	Mode of delivery			at the university		
Year of study	1	Language of instruction			Polish		
Semester of study	1	ECTS credits			2.0		
Learning profile	general academic profile	Assessment form			assessment		
Conducting unit	Department of Social Sciences and Philosophy -> Faculty of Management and Economics						
Name and surname of lecturer (lecturers)	Subject supervisor		dr hab. Andrzej Lisak				
	Teachers		dr hab. Andrzej Lisak				
Lesson types and methods of instruction	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	0.0	15.0	0.0	0.0	0.0	15
	E-learning hours included: 0.0						
Logika (stacjonarne) AL - Moodle ID: 10224 https://enauczanie.pg.edu.pl/moodle/course/view.php?id=10224							
Learning activity and number of study hours	Learning activity	Participation in didactic classes included in study plan		Participation in consultation hours		Self-study	SUM
	Number of study hours	15		4.0		31.0	50
Subject objectives	The aim of the course is to acquire knowledge and skills in the field of logic.						
Learning outcomes	Course outcome		Subject outcome		Method of verification		
	[K6_K05] has the ability to make judgements in important economic and social matters. Can think and act in an entrepreneurial way		Student names, explains and defines fundamental concepts, rules and techniques of logic necessary to assess economic problems.		[SK2] Assessment of progress of work		
	[K6_W04] has a basic knowledge of the types of economic and social relations occurring in particular economic structures and knows social mechanisms related to economic sectors and institutions		Student is able to analyze any proposition and assess if its logically correct.		[SW1] Assessment of factual knowledge		
[K6_U01] can analyse and interpret basic economic and social phenomena and determine the relationships between them		Analyzes, recognizes and applies in practise basic logical operations such as: classification, definition, inference etc.		[SU1] Assessment of task fulfilment			
Subject contents	LECTURES What is Logic? Logic and Language, Functions of Language. Logic and Meaning. Name and Concept. Definitions and Division. Propositions and Judgments and their Forms. Sentential Calculus. Rules of sentential Calculus. Predicate Calculus. Basic Notions of Set Theory. Syllogistic Logic. Deductive, Reductive and Inductive Reasoning. The Meaning of Logic for solving scientific Questions. Logic in Economics. Logic and rethoric. TUTORIALS Discussions of chosen logical dilemmas and solving problems.						
Prerequisites and co-requisites							
Assessment methods and criteria	Subject passing criteria		Passing threshold		Percentage of the final grade		
	Mid-term-tests		50.0%		70.0%		
	Presenting chosen subjects		100.0%		30.0%		
Recommended reading	Basic literature		K. Ajdukiewicz, Zarys logiki. PZWS, Warszawa, 1957; L. Borkowski, Elementy logiki formalnej. PWN, Warszawa, 1974; B. Stanosz, Wprowadzenie do logiki formalnej. PWN, Warszawa, 1985; Z. Ziemiński, Logika praktyczna. PWN, Warszawa, 1998.				

	Supplementary literature	Mała encyklopedia logiki, Wrocław. Warszawa, Kraków, Ossolineum, 1970; Ch. Perelman, Retoryka a sztuka argumentacji. PWN, Warszawa, 2003.
	eResources addresses	
Example issues/ example questions/ tasks being completed	Examine given sentences and give its conclusion.	
Work placement	Not applicable	