

DESCRIPTION OF THE COURSE OF STUDY

Course code	0719-2ID-A05-FP	
Name of the course in	Polish	Filozofia przyrody
	English	<i>Philosophy of nature</i>

1. LOCATION OF THE COURSE OF STUDY within the system of studies

1.1. Field of study	Data engineering
1.2. Mode of study	Full-time studies
1.3. Level of study	Undergraduate studies
1.4. Profile of study*	General academic studies
1.5. Person/s preparing the course description	Dr Elżbieta Buchcic
1.6. Contact	ebuch@ujk.edu.pl

2. GENERAL CHARACTERISTICS OF THE course of study

2.1. Language of instruction	English
2.2. Prerequisites*	No prerequisites

3. DETAILED CHARACTERISTICS OF THE COURSE OF STUDY

3.1. Form of classes	Lecture – 30 hours	
3.2. Place of classes	UJK	
3.3. Form of assessment	Graded exam	
3.4. Teaching methods	Problem-based lecture; Panel discussion; Activating methods	
3.5. Bibliography	Required reading	- Heller M., 2005: Philosophy of Nature, Znak, Kraków. - Mutschler H.-D., 2005: Introduction to the Philosophy of Nature, WAM, Kraków. - Tatarkiewicz W., 2007: History of Philosophy, PWN, Warsaw. - Heller M., Pabjan T., 2007: Elements of the Philosophy of Nature, Tarnów. - Lemańska, 1998: Philosophy of Nature and the Natural Sciences, Warsaw.
	Further reading	Section of the Philosophy of Nature, Faculty of Christian Philosophy, Cardinal Stefan Wyszyński University in Lublin http://www.sfp.wfch.uksw.edu.pl/ S. Jedynek (ed.), 2003: A Small Encyclopedia of Philosophy, Branta, Bydgoszcz.

4. OBJECTIVES, SYLLABUS CONTENT AND INTENDED LEARNING OUTCOMES

4.1. Course objectives (<i>including form of classes</i>) C1 - Familiarizing students with basic concepts and issues of philosophy C2 - Acquiring knowledge of historical and contemporary philosophical reflection on nature C3 - Developing the ability to view the natural world using concepts from the field of natural philosophy C4 - Encouraging self-education in this field
4.2. Detailed syllabus (<i>including form of classes</i>) Lectures • Introduction to Natural Philosophy. • The Essence of Philosophy. • Basic Orientations in Ontology and Epistemology. • Philosophy and Its Branches - Basic Philosophical Concepts: Wisdom, Truth, Being, Absolute, Value, etc. • Developmental Stages of Natural Philosophy. • Natural Philosophy in the First Period of Ancient Philosophy. • Idealistic Image of Nature. • Main Philosophical Trends in Various Epochs. • The Concept of Nature from a Philosophical Perspective. • Philosophical Issues of Contemporary Science. • Ecophilosophy as a Practical Philosophy of Nature. • The Essence and Origin of Life and Philosophical Interpretations of Scientific Theories.

- The Impact of the Scientific and Information Technology Revolution on Our Image of Nature and Humanity.
- Contemporary Philosophers of Nature and Their Views.
- The Importance of Natural Philosophy for Humanity in the 21st Century.

4.3 Intended learning outcomes

Code	A student, who passed the course	Relation to learning outcomes
within the scope of KNOWLEDGE:		
W01	Defines and analyzes phenomena, processes and problems occurring in philosophy, philosophy of nature, knows basic philosophical positions.	ID1A_W13
within the scope of ABILITIES:		
U01	Formulates his or her own views on the ultimate principles governing the material world, utilizes various available sources of information in the field of natural philosophy, elaborates on philosophers' views on the natural world, and can assess the level of his or her own knowledge.	ID1A_U15
within the scope of SOCIAL COMPETENCE:		
K01	Demonstrates an active understanding of other people's different visions of the world, and at the same time is able to critically evaluate them.	ID1A_K03

4.4. Methods of assessment of the intended learning outcomes

7.7. Methods of assessment of the intended learning outcomes																				
Teaching outcomes (code)	Method of assessment (+/-)																			
	Exam oral/written*			Test*			Project*			Effort in class*			Self-study*			Group work*			Others* e.g. standardized test used in e-learning	
	Form of classes			Form of classes			Form of classes			Form of classes			Form of classes			Form of classes			Form of classes	
	L	C	...	L	C	...	L	C	...	L	C	...	L	C	...	L	C	...	L	C
W01										+				+						
U01											+			+						
K01											+			+						

*delete as appropriate

4.5. Criteria of assessment of the intended learning outcomes

Form of classes	Grade	Criterion of assessment
lecture (L) (including e-learning)	3	Knows basic concepts in natural philosophy.
	3,5	Explores philosophers' views on the natural world.
	4	Characterizes the main philosophical trends over time.
	4,5	Explains the most general cognitive problems at the intersection of philosophy and science that contemporary knowledge of animate and inanimate nature encounters.
	5	Presents his/her own position on contemporary problems of nature in the context of natural philosophy.

5. BALANCE OF ECTS CREDITS – STUDENT'S WORK INPUT

Category	Student's workload	
	Full-time studies	Extramural studies
NUMBER OF HOURS WITH THE DIRECT PARTICIPATION OF THE TEACHER / CONTACT HOURS/	30	
Participation in lectures*	30	
INDEPENDENT WORK OF THE STUDENT/NON-CONTACT HOURS/	20	
Preparation for the lecture*	20	
TOTAL NUMBER OF HOURS	50	
ECTS credits for the course of study	2	

*delete as appropriate

Accepted for execution (date and legible signatures of the teachers running the course in the given academic year)

E. Buchuic