Appendix No. 1.5 to the Resolution No. 61/2025
of the Rector of the University of Rzeszów

SYLLABUS

REGARDING THE QUALIFICATION CYCLE FROM 2026/2027 TO 2029/2030
ACADEMIC YEAR 2026/2027

1. BASIC COURSE/MODULE INFORMATION

Course/Module title	**Philosophy of Nature**
Course/Module code *	
Faculty (name of the unit offering the field of study)	Faculty of Technology and Natural Sciences
Name of the unit running the course	Institute of Agricultural Sciences, Environmental Protection and Management Department of Agri-Food Production Engineering
Field of study	Agriculture
Qualification level	first-cycle studies
Profile	general academic
Study mode	full-time
Year and semester of studies	Year 1, semester 2
Course type	general course
Language of instruction	English
Coordinator	Rev. Mirosław Twardowski, PhD, DSc, Associate Professor, University of Rzeszów
Course instructor	Rev. Mirosław Twardowski, PhD, DSc, Associate Professor, University of Rzeszów

* - as agreed at the faculty

1.1. Learning format – number of hours and ECTS credits

Semester (no.)	Lectures	Classes	Laboratories	Seminars	Practical classes	Internships	others	**ECTS credits**
2	30							2

1.2. Course delivery methods

X conducted in a traditional way
- involving distance education methods and techniques

1.3. Course/Module assessment (exam, **pass with a grade**, pass without a grade)

2. PREREQUISITES

General knowledge at upper-secondary school level.

3. OBJECTIVES, LEARNING OUTCOMES, COURSE CONTENT, AND INSTRUCTIONAL METHODS

3.1. Course/Module objectives

O1	To provide basic knowledge of the history and main currents of the philosophy of nature.
O2	To familiarise students with philosophical interpretations of nature and contemporary issues in environmental philosophy.
O3	To develop the ability to critically reflect on the relationship between humans and the natural environment.
O4	To develop an attitude of responsibility for the natural environment and awareness of the ethical consequences of human activity in nature.

3.2. COURSE/MODULE LEARNING OUTCOMES

Learning Outcome	The description of the learning outcome defined for the course/module	Relation to the degree programme outcomes
LO_01	The student knows and understands evolutionary mechanisms at the molecular, species and supra-species levels,	K_W01
LO_02	is able to analyse and interpret contemporary problems concerning the relationship between humans and the natural environment using philosophical argumentation,	K_U01
LO_03	is prepared to act responsibly for the natural environment and recognises the importance of ethical values in human relationships with nature.	K_U01

3.3. Course content

A. Lectures

Content outline
Philosophy of nature as a branch of philosophy – subject matter, methods and scope of inquiry
Origins of the philosophy of nature in ancient Greece
Nature in the philosophy of Plato and Aristotle
Medieval conceptions of nature
The mechanistic view of the world in modern philosophy
Nature in Enlightenment philosophy
Philosophical implications of the theory of evolution
Contemporary conceptions of nature and the environment
The human being as part of the biosphere
Introduction to environmental philosophy
Anthropocentrism, biocentrism and ecocentrism

The problem of human responsibility for the natural environment
Animals in the human world – selected philosophical and ethical aspects
The problem of the relationship between humans and nature
Contemporary environmental challenges from a philosophical perspective

3.4. Methods of Instruction

Lecture: a problem-solving lecture/a lecture supported by a multimedia presentation.

4. Assessment techniques and criteria

4.1 Methods of evaluating learning outcomes

Learning outcome	Methods of assessment of learning outcomes (e.g. test, oral exam, written exam, project, report, observation during classes)	Learning format (lectures, classes…)
LO-01	REPORT	LECTURE
LO-02	REPORT, OBSERVATION DURING CLASSES	LECTURE
LO-03	OBSERVATION DURING CLASSES	LECTURE

4.2 Course assessment criteria

A passing grade for the course is determined by the number of points obtained (>50% of the maximum number of points) for the report: satisfactory (3.0) 51–59%, satisfactory plus (3.5) 60–69%, good (4.0) 70–79%, good plus (4.5) 80–89%, very good (5.0) 90–100%. Completion of the course requires achievement of all intended learning outcomes.

5. Total student workload needed to achieve the intended learning outcomes – number of hours and ECTS credits

Activity	Number of hours
Course hours	30
Other contact hours involving the teacher (consultation hours, examinations)	6
Non-contact hours - student's own work (preparation for classes or examinations, projects, etc.)	14
Total number of hours	50
Total number of ECTS credits	2

* One ECTS point corresponds to 25-30 hours of total student workload

6. Internships related to the course/module

Number of hours	
Internship regulations and procedures	

7. Instructional materials

Compulsory literature: materials provided by the teacher and online resources on the topics covered
Complementary literature: online resources on the topics covered

Approved by the Head of the Department or an authorised person