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 2028/2029

1. BASIC COURSE/MODULE INFORMATION

Course/Module title	**Organization and Farm Economics**
Course/Module code *	
Faculty (name of the unit offering the field of study)	Faculty of Technology and Life Sciences
Name of the unit running the course	Institute of Agricultural Sciences, Environmental Protection, and Management Department of Food and Agriculture Production Engineering
Field of study	Agriculture
Qualification level	first-cycle studies
Profile	general academic
Study mode	full-time studies
Year and semester of studies	Year 3, Semester 6
Course type	Major subject
Language of instruction	English
Coordinator	Marcin Halicki; PhD with Habilitation in Management and Quality Sciences
Course instructor	Marcin Halicki; PhD with Habilitation in Management and Quality Sciences

* - 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**
6	15	20						3

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)
Exam

2. PREREQUISITES

Fundamentals of economics and agricultural knowledge

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

3.1. Course/Module objectives

O1	Introducing students to the organization and economics of agricultural holdings
O2	Developing skills in applying analytical methods to analyse agricultural holdings and to conduct business activity in agriculture

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 defines and characterizes the basic factors of production in agriculture. Characterizes the general principles of creating and developing entrepreneurship in agriculture.	K_W04 K_W07 K_W09
LO_02	The student is able to prepare simple management structures in the field of land use, plant production, animal production, and the use of machinery, and assesses their economic efficiency.	K_U01 K_U03 K_U04
LO_03	The student is able to indicate actions to improve farming efficiency in agriculture, analyzes the strengths and weaknesses of the actions taken, and is aware of the need for continuous improvement	K_U03 K_U04 K_U07 K_U10
LO_04	The student is ready to understand the need for further education and self-improvement, is able to cooperate in a group, and to think in an entrepreneurial way while adhering to the principles of professional ethics.	K_K01 K_K04

3.3. Course content

A. Lectures

Content outline
The place and tasks of agriculture in the national economy. Organizational forms of the agricultural economy.
Agricultural economics as a scientific discipline – precursors and contemporary representatives.
Agriculture, food economy, and food and ecological security.
Institutional, social, and environmental environment of the agricultural sector. Specifics of the agricultural market. State interventionism.
Resources and factors of production in agriculture, efficiency, production techniques, and the investment process.
Services – their role and importance in improving the efficiency of agriculture.

B. Classes

Content outline
Scope of the subject and its relationship to other scientific disciplines.
Basic concepts used in agricultural economics. Characteristics of the basic factors of production.
Basic organizational and economic issues of plant production. The significance and specifics of plant production on the farm.
Structure of agricultural land and structure of sowing. Types of crop rotation [and crop rotation systems]. Harvests and yields. Principles of fertilization.
Basic organizational and economic issues of animal production. Feed area – concept, types, efficiency.
Livestock population and stocking rate, average states, herd turnover, preliminary plan, and the balance of feed and manure.

3.4. Methods of Instruction

Lecture: A lecture with multimedia presentation.
Classes: Text analysis with discussion, teamwork (problem-solving, discussion).

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	written exam, test, performing calculations and determining usage structures, discussion on the obtained results	Lectures, Classes
LO-02	written exam, test, performing calculations and determining usage structures, discussion on the obtained results	Lectures, Classes
LO-03	performing calculations and determining usage structures, discussion on the obtained results, test, observation during classes	Lectures, Classes
LO-04	performing calculations and determining usage structures, discussion on the obtained results, observation during classes	Lectures, Classes

4.2 Course assessment criteria

Classes: Graded pass based on: oral response (participation in discussion) and presentation. Lecture: exam Written exam: 1st attempt – open-ended questions Written exam: 2nd attempt – open-ended questions

The grade obtained on the test is determined by the percentage of points scored relative to the maximum possible score: 51–59% – Satisfactory; 60–69% – Satisfactory Plus; 70–79% – Good; 80–89% – Good Plus; 90–100% – Very Good.

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

Activity	Number of hours
Course hours	35
Other contact hours involving the teacher (consultation hours, examinations)	5
Non-contact hours - student's own work (preparation for classes or examinations, projects, etc.)	35
Total number of hours	75
Total number of ECTS credits	3

* 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