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** *2027/2028*
ACADEMIC YEAR *2026/2027 i 2027/2028*

1. BASIC COURSE/MODULE INFORMATION

Course/Module title	**Master's Seminar**
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
Field of study	Agriculture
Qualification level	second-cycle studies
Profile	general academic
Study mode	stationary
Year and semester of studies	Year 1, Semester 1 and 2 / Year 2, Semester 3
Course type	Specialization course / Agronomy with Agribusiness
Language of instruction	English
Coordinator	Head of the Agriculture Programme
Course instructor	Staff of the Faculty of Technology and Life 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**
1				10				1
2				20				2
3				20				10

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)
pass with a grade

2. PREREQUISITES

Courses completed in accordance with the Agriculture study programme

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

3.1. Course/Module objectives

O1	imparting knowledge on methods for gathering scientific information and utilizing scientific literature, as well as preparing and writing scientific papers with due regard for copyright and intellectual property rights
O2	explaining the principles of research planning and the appropriate selection of methods used in agriculture
O3	fostering awareness of the social and professional responsibility for the current state and shaping of the agricultural environment
O4	strengthening the sense of responsibility for preparing for a societal role associated with professional practice

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	knows and understands the principles of planning, formulating, and conducting agricultural research, as well as methods for acquiring the latest scientific information relevant to the master's thesis and for analyzing and interpreting the obtained results	K_W03
LO_02	understands the economic, social, and ethical contexts of agriculture, and understands the methodology for preparing and writing a thesis while respecting the copyright of the scientific literature used	K_W08
LO_03	is able to utilize information from the field of agricultural sciences and to analyze and select such information	K_U01, K_U02
LO_04	is able to formulate conclusions based on collected data, observations, and analyses within the chosen specialization, utilizing literature—including sources in foreign languages	K_U01, K_U05
LO_05	is able to analyze issues shaping food production and quality, as well as factors affecting the natural environment and rural development	K_U06
LO_06	is able to plan and apply existing knowledge to targeted further education and learning	K_U07
LO_07	is prepared to systematically review scientific literature, particularly regarding the subject matter of the master's thesis	K_K01, K_K02

LO_08	is prepared for further education and professional self-improvement, and to think and act in an entrepreneurial manner while adhering to professional ethics	K_U07, K_K03, K_K04

3.3. Course content

A. Seminar topics

Content outline
Semester 1
Principles of writing a master's thesis with regard to copyright and the use of scientific literature; methodology of laboratory and field research. Anti-plagiarism regulations in force at the University of Rzeszów.
Semester 2
Selection of statistical methods for the proper processing of research results.
Principles of presenting research results and statistical analyses.
Semester 3
Proper interpretation of results, discussion, and drawing correct conclusions.
Analysis and discussion of reports on current research topics addressed in the thesis projects being conducted.

3.4. Methods of Instruction

Seminar: group and individual work on assigned tasks, problem-solving, preparing presentations, text analysis and 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	CONTINUOUS OBSERVATION DURING CLASSES	SEMINAR
LO-02	PRESENTATIONS, CONTINUOUS OBSERVATION DURING CLASSES	SEMINAR
LO-03	PRESENTATIONS, CONTINUOUS OBSERVATION DURING CLASSES	SEMINAR
LO-04	PRESENTATIONS, CONTINUOUS OBSERVATION DURING CLASSES	SEMINAR
LO-05	PRESENTATIONS, CONTINUOUS OBSERVATION DURING CLASSES	SEMINAR
LO-06	PRESENTATIONS, CONTINUOUS OBSERVATION DURING CLASSES	SEMINAR
LO-07	CONTINUOUS OBSERVATION DURING CLASSES	SEMINAR
LO-08	CONTINUOUS OBSERVATION DURING CLASSES	SEMINAR

4.2 Course assessment criteria

Semester 1 – graded credit based on a multimedia presentation. Semester 2 – graded credit based on a paper covering the subject matter of the master's thesis in progress and the research methodology. Semester 3 – graded credit based on the completed master's thesis—presented at the seminar and successfully verified by the anti-plagiarism system.

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

Activity	Number of hours
Course hours	50
Other contact hours involving the teacher (consultation hours, examinations)	participation in consultations – 30
Non-contact hours - student's own work (preparation for classes or examinations, projects, etc.)	preparation of the presentation – 40 preparation and review of literature – 60 development of the project concept and experimental setup – 35 measurements and observations during experiments – 30 preparation of the thesis – 80
Total number of hours	325
Total number of ECTS credits	13

* 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