

SYLLABUS

Name of the course (as specified in the approved curriculum) M. Sc. Laboratory II			Number of ECTS credits 11
Name of the course in Polish Pracownia magisterska II			
Unit providing the course Departments of the Faculty of Veterinary Medicine and Animal Science			
Course co-ordinator Faculty of Veterinary Medicine and Animal Science academic staff - research and laboratory supervisor			
Field of study Animal Production Management	Level II – master studies	Profile Academic-general	Semester 2
TYPE OF CLASSES AND COURSE LOAD (Classes with teacher and student's own work)			
Mode of studies: full-time		Mode of studies: part-time	
- lectures	0	- lectures	-
- classes	0	- practical classes	-
- field classes	0	- field classes	-
- labs	0	- labs	-
- consultations	0	- consultations	-
- own student's work	165	- own student's work	-
- others	110	- others	-
Total number of hours		200	Total number of hours
OBJECTIVE OF THE COURSE			
The student will familiarize themselves with various laboratory techniques used in in-vitro, in-vivo, or ex-vivo methods in animal science.			
TEACHING METHODS			
Material and methods used during laboratory classes will depend on the chosen Faculty Department, as well as the subject of the Master Thesis.			
Course learning outcomes			The reference to the study field learning outcomes
Knowledge	O1: the student has advanced knowledge of methodologies used in animal nutrition, animal-derived products assessment, animal genetics, and data analysis, as well as of the specialized equipment necessary to process, validate, and assess selected traits or parameters		AP2A_W03
Skills	O2: search for, critically analyze, and interpret information from manuals, protocols, materials, and methods described in scientific articles related to specific laboratory methodologies and techniques used in animal nutrition, animal-derived products assessment, animal genetics and data analysis.		AP2A_U02
Social competences	O3: the student understands the importance of lifelong learning and continuously updates their knowledge and cognitive skills; demonstrates a creative attitude, entrepreneurial thinking, and is able to inspire and organize the learning process of others. O4: the student takes ethical responsibility for the outcomes of laboratory activities.		AP2A_K01 AP2A_K03
Methods for verifying learning outcomes Assessment of the prepared protocols, manuals, evaluation of the ability to search the literature, and the use of specialist language.			Symbols of course learning outcomes 01-08
TEACHING CONTENTS			
The student has the opportunity to concentrate on the analyses that are useful for Master Thesis preparation.			
Forms and criteria for completing the course Credit on the basis of the assessment of student activity during classes.			Percentage of a final grade 100%

Literature list

Core literature

Specialized scientific journals in the field of students' scientific specialization.

Additional literature

Instructions, methodological guides, and review articles related to students' scientific specialization.