Course title:	VETERINARIAN AND LABORATORY ANIMAL PROTECTION
Course title in Polish:	ROLA LEKARZA WETERYNARII W OCHRONIE ZWIERZĄT LABORATORYJNYCH
Course for discipline:	VETERINARY MEDICINE

Semester:	3	**Status of course:**	faculty	**Language:**	english
Academic year:	2026/27	**Catalog number:**	165/2025/26		

Coordinator of course:	ANDRZEJ DZIKOWSKI DVM LLM PhD
Lecturer od course:	ANDRZEJ DZIKOWSKI DVM LLM PhD
Executing unit:	KHŻiOZP IMW
Ordering unit:	Doctoral School SGGW
Assumptions, goals and description of the course:	Gaining competencies in the legal requirements for the protection of animals used for scientific or teaching purposes, experiment planning, submitting applications to ethics committees, and procedures in local and national ethics committees for animal experimentation. Basic knowledge of the law regarding the protection of animals used for scientific or teaching purposes. Principles of professional ethics and deontology for veterinarians conducting in vivo experiments. Standards for applications and documentation maintained by scientists performing animal procedures. Regulations regarding the conduct and consent of animal experiments. Principles and guidelines regarding the welfare of laboratory and experimental animals.
Didactic form, number of hours:	15 hours
Teaching methods:	Traditional lecture, Problem-based lecture, Conversational lecture, Lectures using distance learning techniques, Case study, Discussion, Presentation, Problem-based method, Project method, Analysis and interpretation of source texts, Inference, Interpretation of results, Demonstration Laboratory exercises Case study, Presentation
Limit of people in the group:	20

Learning outcomes

KNOWLEDGE - the graduate knows and understands:	**SKILLS - the graduate is able to:**	**COMPETENCES - the graduate is ready to:**
To the extent enabling to revise the existing pradigms in the field/discipline - the world achievments, gathering theoretical background as well as general and selected detailed issues	Carry out critical assessment of the scientific research findings and expert activities and their contribution to the knowledge development in the field/discipline	Critically evaluate the achievments in the field/discipline represented
Major general development trends in the field/discipline		Recognise knowledge in solving cognitive and practical problems characteristic for the area of research (field/discipline) and in an interdisciplinary aspect
		Support the ethos of scientific circles and conduct independent research

The method of verification of learning outcomes:	Rating scale: 95-100% - very good (5.0), 90-94% - good+ (4.5), 80-89% - good (4.0), 75-79% - satisfactory+ (3.5), 65-74% - satisfactory (3.0), 0-64% - insufficient (2.0). The pass mark is 65%. Test (written or computer based), Assessment of activity during classes. Students who attended at least half of the lectures may take part in the test. Rating scale: 95-100% - very good (5.0), 90-94% - good+ (4.5), 80-89% - good (4.0), 75-79% - satisfactory+ (3.5), 65-74% - satisfactory (3.0), 0-64% - insufficient (2.0). The pass mark is 65%. A set of mixed questions with different point values will be used. The subject scope includes the content covered by the lectures. The correctory test takes place in the same form.
Form of documentation of achieved learning outcomes:	Test (written or computer based)
Elements and weights of the final grade:	Test (written or computer based) 500%, Assessment of activity during classes 50%. Rating scale: 95-100% - very good (5.0), 90-94% - good+ (4.5), 80-89% - good (4.0), 75-79% - satisfactory+ (3.5), 65-74% - satisfactory (3.0), 0-64% - insufficient (2.0). The pass mark is 65%.
Place of the course:	KHŻiOZP IMW (B. 24 R. 340)

Basic and supplementary literature

Legal acts on laboratory animals protection
S. Mullan, A. Fawcett, Veterinary ethics. Navigating tough cases
J. Guillen, Laboratory Animals: Regulations and Recommendations for Global Collaborative Research
E. Kaliste, Welfare of Laboratory Animals
S. Wolfensohn, Handbook of Laboratory Animal Management and Welfare
A. Dzikowski, Act on Animal Protection in Research and Education, 2015, and the role of veterinarians in laboratory animal protection, Med. Weter. 2025, 81 (8), 425-432

Comments:	

Estimated number of hours of work of the doctoral student necessary to achieve the assumed learning outcomes:	

Leraning outcomes reference to the second degree characteristics of the National Qualification Framework (level 8) covering doctoral competences:

Symbol:	**Learning outcomes:**	**8 level NQF**
SD1_KW01	To the extent enabling to revise the existing pradigms in the field/discipline - the world achievments, gathering theoretical background as well as general and selected detailed issues	P8S_WG
SD1_KW02	Major general development trends in the field/discipline	P8S_WG

SD1_KU05	Carry out critical assessment of the scientific research findings and expert activities and their contribution to the knowledge development in the field/discipline	P8S_UW
SD1_KK01	Critically evaluate the achievments in the field/discipline represented	P8S_KK
SD1_KK03	Recognise knowledge in solving cognitive and practical problems characteristic for the area of research (field/discipline) and in an interdisciplinary aspect	P8S_KK
SD1_KK08	Support the ethos of scientific circles and conduct independent research	P8S_KR