



## Course syllabus – part A

02S10-HPDZII

ECTS: 2.00

CYCLE: 2025Z

## Animal Hygiene, Disease Prevention and Animal Welfare II

### SUBJECT MATTER CONTENT

#### LECTURE

Ethical and legal aspects of animal welfare. Definitions of animal welfare and criteria of its evaluation. Farm animal health protection. The impact of welfare and hygiene on the safety and quality of animal origin products. Characteristics of health and disease characteristics. Epidemiological determinants of infectious and invasive diseases of farm animals. Diseases controlled ex officio. Basics of anti-infective immunity of farm animals. Immunoprophylaxis in farm animal management.

#### CLASSES

Principles of safe handling of animals. Animal care and first aid for skin and musculoskeletal disorders. Prevention of metabolic, digestive and mammary gland diseases. Farm animals as a source of zoonoses. Sanitation in the environment of farm animals. Disinfection methods. Harmfulness of rodents and insects and methods of their control.

#### TEACHING OBJECTIVE

The primary objective of teaching the subject is to provide students with knowledge in the field of hygiene and welfare of farm animals and to make them aware of the need to undertake, implement and comply with the principles of prevention and prophylaxis in animal husbandry and breeding.

#### DESCRIPTION OF THE LEARNING OUTCOMES OF THE COURSE IN RELATION TO THE DESCRIPTION OF THE CHARACTERISTICS OF THE SECOND LEVEL LEARNING OUTCOMES FOR QUALIFICATIONS AT LEVELS 6-8 OF THE POLISH QUALIFICATION FRAMEWORK IN RELATION TO THE SCIENTIFIC DISCIPLINES AND THE EFFECTS FOR FIELDS OF STUDY:

##### Symbols for outcomes related to the discipline:

InzA\_P6S\_UW+++, R/ZRA\_P6S\_WG+++, R/ZRA\_P6S\_KK++,  
R/ZRA\_P6S\_KR+

##### Symbols for outcomes related to the field of study:

KA6\_KR1+, KA6\_WG2+, KA6\_WG4+, KA6\_WG10+,  
KA6\_KK3+, InzA\_P6S\_UW4+, InzA\_P6S\_UW5+,  
InzA\_P6S\_UW3+, KA6\_KK2+

#### LEARNING OUTCOMES:

##### Knowledge:

W1 – the student knows the basic issues in the field of animal hygiene, zootechnical prophylaxis and animal welfare and methods of its development

W2 – explains the importance of microorganisms in animal production as important epizootic factors

W3 – explains the hygienic, nutritional and environmental causes of animal diseases and indicates their consequences

##### Skills:

##### Legal acts specifying learning outcomes:

460/2019

**Disciplines:** animal science and fisheries

**Status of the course:** mandatory

**Group of courses:** B - major-specific courses

**Code:** ISCED 0811

**Field of study:** Animal Science

**Scope of education:** Animal Breeding and Management, Horse Rehabilitation and Injury Prevention, Keeping and Breeding Companion Animals

**Profile of education:** General academic

**Form of studies:** full-time

**Level of studies:** first degree studies

**Year/semester:** 4/7

**Types of classes:** Lecture, Classes

**Number of hours in**

**semester:** Lecture: 10.00, Classes: 20.00

**Language of instruction:** Polish

**Introductory subject:** animal anatomy and physiology

**Prerequisites:** knowledge of terminology and nomenclature in the field of animal anatomy and physiology

##### Name of the organisational unit

**conducting the course:** Department of Animal Welfare and Research

**Person responsible for the realization of the course:** prof. dr hab. wet. Dorota Witkowska

**e-mail:**  
dorota.witkowska@uwm.edu.pl

**Additional remarks:** -

U1 – the student assesses animal welfare, treated as an element of zootechnical prophylaxis  
U2 – finds advantages and disadvantages of various environmental and hygiene conditions in terms of their impact on animal welfare and plans and conducts preventive actions  
U3 – uses available sources and forms of information to solve a specific problem and is able to present the developed material

**Social competence:**

K1 – the student is aware of the need to comply with the rules of hygiene and safety when working with animals  
K2 – recognizes and solves basic hygiene and environmental problems and is able to assess their impact on animal welfare  
K3 – acts in accordance with the principles of ethics and presents a pro-ecological attitude in the field of animal breeding and husbandry

**TEACHING FORMS AND METHODS:**

Lecture(W1;W2;W3;K3;):Auditorium lecture with multimedia presentation.  
Classes(W1;U1;U2;U3;K1;K2;K3;):Auditorium classes - discussing topics with discussion, analysis and solving specific cases.

**FORM AND CONDITIONS OF VERIFYING LEARNING OUTCOMES:**

Lecture (Written exam) - written answers to open questions -  
Classes (Colloquium test) - colloquium 1 and 2: written answers to open questions -  
Classes (Presentation) - students presentations prepared in a group -

**BASIC LITERATURE:**

1. Kołacz R., Dobrzański Z., *Higiena i dobrostan zwierząt*, Wyd. Uniwersytet Przyrodniczy Wrocław, R. 2019
2. R.Zabielski, T.Stefaniak, Z.Gajewski, *Prewencja weterynaryjna z elementami zarządzania zdrowiem stada*, Wyd. Edra Urban, R. 2024

**SUPPLEMENTARY LITERATURE:**

1. Nicpoń J., *Badania kliniczne i laboratoryjne w diagnostyce chorób zwierząt*, Wyd. Uniwersytet Przyrodniczy Wrocław, R. 2015
1. <http://www.medycynawet.edu.pl/archives>
2. <https://zycie-weterynaryjne.pl/#czasopismo>

## Detailed description of ECTS credits awarded - part B

**02S10-HPDZII**

**ECTS: 2.00**

**CYCLE: 2025Z**

### Animal Hygiene, Disease Prevention and Animal Welfare II

The number of ECTS credits awarded consists of:

1. Contact hours with the academic teacher:

- participation in: Lecture	10.0 h
- participation in: Classes	20.0 h
- consultation	4.0
Total:	34.0 h.

2. Independent work of a student:

preparation for classes	4.00 h
preparation for colloquia	6.00 h
preparation for the exam	6.00 h

Total: 16.0 h

contact hours + independent work of a student Total: 50.0 h

1 ECTS credit = 25-30 h of an average student's work, number of ECTS credit = 50.0 h : 25.0 h/ECTS = 2.00 ECTS on average:  
2.0 ECTS

- including the number of ECTS credits for contact hours with the direct participation of an academic teacher: 0,00 ECTS points,

- including the number of ECTS credits for hours of independent work of a student: