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Course title: ANIMAL HYGIENE AND WELFARE II

ECTS credit allocation (and other scores): 2

Semester: autumn

Level of study: ISCED-6 - first-cycle programmes (EQF-6)

Branch of science: Agricultural sciences

Language: English

Number of hours per semester: 30

Course coordinator/ Department and e-mail: prof. Dorota Witkowska/Department of Animal and Environmental Hygiene; dorota.witkowska@uwm.edu.pl

Type of classes: classes and lectures

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#### Substantive content

CLASSES: Prevention and prophylaxis of livestock diseases. Rules for safe handling of animals. Animal care and first aid in skin and musculoskeletal disorders. Prevention of diseases metabolic, digestive and mammary glands. Farm animals as a source of disease zoonoses. Sanitation in livestock environment. Disinfectant methods and agents. Mischievousness rodents and insects and methods of combating them.

LECTURES: Problems of livestock welfare as well as criteria and methods of its assessment. Hygiene of watering, nutrition and keeping livestock. Characteristics of health and disease features. Herd review and zootechnical-veterinary interview. Epidemiological conditions of infectious and invasive diseases of farm animals. Diseases fought ex officio. Basics of livestock anti-infective resistance. Immunoprophylaxis in keeping farm animals.

Learning purpose: Acquiring the ability to properly assess the conditions in the context of welfare requirements.

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On completion of the study programme the graduate will gain:

Knowledge: has a basic knowledge of zoohygiene and animal welfare, knows methods for assessing animal welfare conditions and welfare level.

Skills: uses basic microclimate measuring instruments, assesses zoohygienic conditions and animal welfare level.

Social Competencies: recognizes and solves basic problems related to animal keeping conditions and welfare level.

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Basic literature: Appleby M., Mench J.A, Olsson IA, Hughes B.O. Animal welfare.

Supplementary literature: Rollin B.E. Farm animal welfare.

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The allocated number of ECTS points consists of:

Contact hours with an academic teacher: 46

Student's independent work: 49