SZKOŁA GŁÓWNA GOSPODARSTWA WIEJSKIEGO

Introduction to Animal Husbandry

Educational subject description sheet

Basic information

Field of study Course Offer for exchange students - second cycle studies, including uniform master studies (MA programmes) **Speciality** - **Organizational unit** Course Offer for exchange students **Study level** second cycle studies, including uniform master studies (MA programmes) **Study form** full-time studies **Education profile** General academic	**Didactic cycle** 2024/25 **Subject code** PWMPWM2S_D.B100000P.06288.24 **Lecture languages** english **Mandatory** Elective subjects **Block** Basic subjects **Disciplines** Animal husbandry and fishery

Coordinator	Marcin Świątek
Teacher	Marcin Świątek

Period Winter semester	**Examination** Pass with grade **Activities and hours** Lecture: 15 Field exercises: 15	**Number of ECTS points** 3

Goals

Code	Goal
C1	The aim of this course is to present the basics about farm animals. Origin and domestication of farm animals. Anatomy and physiology. Differences between monogastric and ruminants species. Livestock population in the world and in Poland. Fundamentals of zootechnical terminology. Nomenclature of various production groups within individual species. Basic breeds. Directions of animal use. Buildings and equipment. The role of zootechnics in the modern world.

Entry requirements

Basic knowledge about farm animals

Subject's learning outcomes

Code	Outcomes in terms of	Effects	Examination methods
Knowledge – Student knows and understands:			
W1	issues related to the origin, anatomy and physiology of selected farm species, zootechnical terminology and lists the most important breeds of farm animals.		Written credit, Oral credit
Skills – Student can:			
U1	recognize the age categories and production groups of livestock		Written credit, Oral credit
Social competences – Student is ready to:			
K1	ready to follow the rules of professional ethics		Oral credit
K2	ready to consciously assess the changes taking place in the surrounding animal world		Oral credit

Study content

No.	Course content	Subject's learning outcomes	Activities
1.	Farm animal anatomy and physiology. Breeding principles of sheep, goat, cow, horse, pigs, poultry, fur animals. Wellfare	W1, U1, K1, K2	Lecture, Field exercises

Course advanced

Activities	Methods of conducting classes
Lecture	Lecture
Field exercises	Case study

Activities	Examination method	Percentage
Lecture	Written credit	90%
Field exercises	Oral credit	10%

Activities	Credit conditions
Lecture	paper test
Field exercises	attendance at classes and solving problems related to animal breeding

Literature

Obligatory

1. Spangler Matthew L., Animal Breeding and Genetics, Springer Nature
2. Samantha Sanders, Understanding Animal Breeding and Genetics, Murphy & Moore Publishing
3. Martin Vincent Animal Husbandry and Livestock Management, Callisto Reference

Calculation of ECTS points

Activity form	Activity hours*
Lecture	15
Field exercises	15
Preparation for exercises	10
Conducting literature research	20
Self-study on the content covered in class	20
Student workload	**Hours** 80
Number of ECTS points	**ECTS** 3

* hour means 45 minutes