



SZKOŁA GŁÓWNA  
GOSPODARSTWA  
WIEJSKIEGO

## Introduction to Animal Husbandry

### Educational subject description sheet

#### Basic information

<b>Field of study</b> Course Offer for exchange students - second cycle studies, including uniform master studies (MA programmes)		<b>Didactic cycle</b> 2024/25	
<b>Speciality</b> -		<b>Subject code</b> PWMPWM2S_D.B100000.06288.24	
<b>Organizational unit</b> Course Offer for exchange students		<b>Lecture languages</b> english	
<b>Study level</b> second cycle studies, including uniform master studies (MA programmes)		<b>Mandatory</b> Elective subjects	
<b>Study form</b> full-time studies		<b>Block</b> Basic subjects	
<b>Education profile</b> General academic		<b>Disciplines</b> Animal husbandry and fishery	
<b>Coordinator</b>	Marcin Świątek		
<b>Teacher</b>	Marcin Świątek		
<b>Period</b> Winter semester	<b>Examination</b> Pass with grade	<b>Number of ECTS points</b> 3	
	<b>Activities and hours</b> Lecture: 15 Field exercises: 15		

## 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
<b>Knowledge - Student knows and understands:</b>			
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
<b>Skills - Student can:</b>			
U1	recognize the age categories and production groups of livestock		Written credit, Oral credit
<b>Social competences - Student is ready to:</b>			
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. Welfare	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%

Activities	Examination method	Percentage
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
<b>Student workload</b>	<b>Hours</b> 80
<b>Number of ECTS points</b>	<b>ECTS</b> 3

\* hour means 45 minutes