

Course **ANIMAL BREEDS CHARACTERISTICS**

UNIVERSITY OF ZAGREB  
FACULTY OF VETERINARY MEDICINE  
Heinzlova 55  
Tel. 01/2390224  
Division: Animal Production and Biotechnology  
Organizational unit: Animal Breeding and Livestock Production  
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Register No of the organisational unit: 61-09-2026-18  
Zagreb, 26/1/2026



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Veterinarski fakultet u Zagrebu			
Primljeno:	30.01.2026		
Klasifikacijska oznaka	Org. jed.		
602-04/25-22/34	251-61-41;		
Urudžbeni broj	Prilozi	Vrijednost	
251-61-09/67-26-155	0	-	

### COURSE SYLLABUS

Course name: **ANIMAL BREEDS CHARACTERISTICS**  
Academic year 2025/2026

Course leader: Full Prof. (permanent) Anamaria Ekert Kabalin, PhD

Deputy course leader: (title, name and surname): Assoc. Prof. Sven Menčik, PhD

Teachers: Full Prof. (permanent) Anamaria Ekert Kabalin, PhD, Assoc. Prof. Maja Maurić Maljković, PhD, Assoc. Prof. Sven Menčik, PhD, postdoctoral assistant Aneta Piplica, PhD, postdoctoral assistant Ivan Vlahek, PhD, Niko Popović, DVM

First day of classes: 26/2/2026

Last day of classes: 10/6/2026

### Activities - Animal Breeds Characteristics (1/2)

Start Date	Start T	End Ti	Course	Group	Note	Length	Instructor	Room
26/02/2026	13:45	15:15	p01 Domestication - Introduction to species	2E-1, 2E-2		1:30	Menčik S.	P_farmakologija
27/02/2026	11:15	12:45	p02 General and specific characteristics	2E-1, 2E-2		1:30	Maurić M. M.	P_farmakologija
04/03/2026	13:45	15:15	v01 Marking and registration of animals	2E-1, 2E-2		1:30	Nastavnici na predmetu	R_stočarstvo mala, R_stočarstvo velika
06/03/2026	12:00	13:30	p03 Breeds of pigs	2E-1, 2E-2		1:30	Ekert K.	P_farmakologija
09/03/2026	12:30	14:00	v02 Age-sex categories of animals	2E-1, 2E-2		1:30	Nastavnici na predmetu	R_stočarstvo mala, R_stočarstvo velika
11/03/2026	8:15	9:45	v03 Colours, signs and identification	2E-1, 2E-2, R_stočarstvo mala		1:30	Nastavnici na predmetu	R_stočarstvo mala, R_stočarstvo velika
12/03/2026	11:15	12:45	p04 Breeds of sheep and goats	2E-1, 2E-2		1:30	Vlahek I.	P_farmakologija
16/03/2026	12:00	13:30	s01 Hybrids of pigs and poultry	2E-1, 2E-2		1:30	Menčik S.	P_patologija
18/03/2026	10:15	11:45	p05 Breeds of cattle and horses	2E-1, 2E-2, P_fizika		1:30	Maurić Maljković M.	P_farmakologija
20/03/2026	12:00	13:30	v04 Body measures, scoring systems	2E-1, 2E-2, R_stočarstvo mala		1:30	Nastavnici na predmetu	R_stočarstvo mala, R_stočarstvo velika
26/03/2026	10:00	11:30	p06 Breeds of dogs and cats	2E-1, 2E-2		1:30	Ekert K.	P_farmakologija
27/03/2026	13:00	14:30	v05 Colloquium 1	2E-1, 2E-2		1:30	Nastavnici na predmetu	R_stočarstvo mala, R_stočarstvo velika
01/04/2026	10:00	11:30	s02 Breeds of cattle	2E-1, 2E-2		1:30	Maurić M. M.	R_stočarstvo velika
10/04/2026	10:15	11:45	s03 Breeds of horses	2E-1, 2E-2		1:30	Maurić M. M.	R_stočarstvo velika
14/04/2026	13:45	15:15	p07 Poultry, laboratory animals and rabbits	2E-1, 2E-2		1:30	Menčik S., Piplica A.	P_farmakologija

### Activities - Animal Breeds Characteristics (2/2)

Start Date	Start T	End Ti	Course	Group	Note	Length	Instructor	Room
15/04/2026	10:00	11:30	s04 Breeds of sheep and goat	2E-1, 2E-2		1:30	Vlahek I.	R_stočarstvo velika
16/04/2026	11:00	12:30	v06 Pigs, poultry - specific characteristics	2E-1, 2E-2		1:30	Nastavnici na predmetu	R_stočarstvo mala, R_stočarstvo velika
27/04/2026	14:15	15:45	v07 Cattle - specific characteristics	2E-1, 2E-2		1:30	Nastavnici na predmetu	R_stočarstvo mala, R_stočarstvo velika
05/05/2026	9:15	10:45	v08 Horses - specific characteristics	2E-1, 2E-2, R_stočarstvo mala		1:30	Nastavnici na predmetu	R_stočarstvo mala, R_stočarstvo velika
07/05/2026	12:00	13:30	v09 Sheep, goat - specific characteristics	2E-1, 2E-2		1:30	Nastavnici na predmetu	R_stočarstvo mala, R_stočarstvo velika
14/05/2026	13:00	14:30	v10 Colloquium 2	2E-1, 2E-2		1:30	Nastavnici na predmetu	R_stočarstvo mala, R_stočarstvo velika
18/05/2026	11:15	12:45	v11 Breeds of dogs (I)	2E-1, 2E-2		1:30	Nastavnici na predmetu	R_stočarstvo mala, R_stočarstvo velika
25/05/2026	10:15	11:45	v12 Breeds of dogs (II) cats(I)	2E-1, 2E-2		1:30	Nastavnici na predmetu	R_stočarstvo mala, R_stočarstvo velika
27/05/2026	7:30	13:30	t01 Farm visit	2E-1, 2E-2		6:00	Nastavnici na predmetu	
29/05/2026	12:00	13:30	s05 Breeds of dogs	2E-1, 2E-2		1:30	Ekert K.	P_fiziologija
02/06/2026	14:15	15:45	v13 Laboratory animals, cage pets	2E-1, 2E-2		1:30	Nastavnici na predmetu	R_stočarstvo mala, R_stočarstvo velika
08/06/2026	14:15	15:45	v14 Repetition of practicals	2E-1, 2E-2		1:30	Nastavnici na predmetu	R_stočarstvo mala, R_stočarstvo velika
10/06/2026	10:00	11:30	v15 Colloquium 3	2E-1, 2E-2		1:30	Nastavnici na predmetu	R_stočarstvo mala, R_stočarstvo velika
<b>Total: 28</b>						<b>46:30</b>		

## ANIMAL BREEDS CHARACTERISTICS

### STUDENT OBLIGATIONS

Lecture attendance	Out of the total number of lecture hours in the course <i>Animal Breeds Characteristics</i> (14 hours), the student must attend at least 7 hours in order to obtain the minimum of 3 points. The maximum number of points awarded for this assessment component is 6.
Seminars attendance	The student must attend at least 3 seminars in order to obtain the minimum of 4 points. The maximum number of points awarded for this assessment component is 6 (4 seminars).
Practicals attendance	During the course the student must attend at least 10 practicals held at the Faculty and 1 practical held outside the Faculty in order to obtain the minimum of 4 points. If a student does not attend the practical held outside the Faculty, they are required to write an essay on the topic of that practical session. The maximum number of points awarded for this assessment component is 6.
Active participation in seminars and practicals	<p>During the practicals, student is required to complete the prescribed tasks from 12 practical exercises. Each successfully completed exercise is worth 0.25 points.</p> <p>During practicals 2–4, 6–9, and 11–13, self-assessment quizzes (self-check) will be conducted in the Merlin system, in accordance with the thematic unit of the exercise. Each successfully completed self-assessment with more than 50% correct answers is worth 0.5 points.</p> <p>Practical exercise no. 14 will be conducted as e-learning in the Merlin system, in real time, in accordance with previously provided instructions.</p> <p>During seminars 1–5, self-assessment quizzes will be available in the Merlin system, in accordance with the thematic unit of the seminar. Each successfully completed self-assessment with more than 50% correct answers is worth 0.5 points.</p> <p>Students may earn an additional 0.5 points per practical class through active oral participation.</p> <p>From this category, the student must obtain a minimum of 5 points (through various combinations of completed self-assessments in practical classes and seminars, oral answers, etc.). The maximum number of points awarded for this assessment component is 10.</p>
Final exam	Written test: a total of 40 points (the lowest number of points that a student should gain from this element is 24 points)
Examination requirements	Student requirements are defined in the Regulations on the University Integrated Undergraduate and Graduate Study of Veterinary Medicine (2024). Given the above, the student must acquire a minimum number of points from all assessment elements in order to take the final exam: a student can justifiably be absent from up to 50% of the lectures; 30% of the seminars and 30% of the exercises.

## ANIMAL BREEDS CHARACTERISTICS

### GRADING AND EVALUATING STUDENT WORK

Continuous knowledge-checking (mid-terms)	During the course 3 colloquia will be organised. The minimum number of credits that a student should gain from this element is 20 points. The first has a total of 12 points and a student should gain at least 58% (7 points), while the other two have 10 points and a student should gain at least 65% (6.5 points). If students do not achieve the minimum required number of points in a colloquium, they are entitled to retake the colloquium up to three times, after the completion of classes. A total of 32 points is possible in this category. Regular colloquia dates: 1st colloquia – 27/3/2026 2nd colloquia – 14/5/2026 3rd colloquia – 15/6/2026 Retakes: 16/6/2026 and 18/6/2026 23/6/2026 and 25/6/2026 29/6/2026 and 1/7/2026 8/9/2026
Final exams (dates)	24/6/2026 3/7/2026 10/7/2026 3/9/2026 17/9/2026
Form of final exam	written

### LITERATURE

Obligatory literature	MASON, I. L. (2002): World dictionary of livestock breeds, types and varieties. 5th Edition. CABI Publishing. FOGLE, B. (2000): The new encyclopedia of the dog. Dorling Kindersley Publishing, Inc. HELGREN, A. J. (2013): Encyclopedia of cat breeds. Barrons Educational Series, Inc. WARD, J. D. (2008): A Manual for laboratory animal management. World Scientific Publishing.
Optional literature	On-line basis with data about breeds of animals

### OBJECTIVES AND LEARNING OUTCOMES

Course objectives	The course topics provide the student with knowledge about general animal breed characteristics and animal breeds which are a reflection of genetically specific quality in animals of certain species. Students will be able to evaluate particular animal breed which is important for proper use of animals in different production systems.
Learning outcomes	After successfully finishing the course, student will be able to: •judge the morphological, physiological and psychological changes of animals after domestication and selection directed to

## ANIMAL BREEDS CHARACTERISTICS

certain characteristics as well as animal breed characteristics (general and special)

- differentiate the species, breed, category and / or production type of domestic animals (cattle, horses, pigs, sheep, goats, donkeys, poultry, dogs, cats and the most important breeds of rabbits, laboratory animals and cage pets)

- judge the exterior of certain domestic animals

- compare the production type or breeding group based on individual phenotypic characteristics

- differentiate the gained knowledge in judging the exterior, condition, constitution, temperament and age as well as measuring and marking of animals

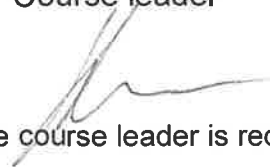
- differentiate basic administrative books, forms and computer programs used in the registration of domestic animals

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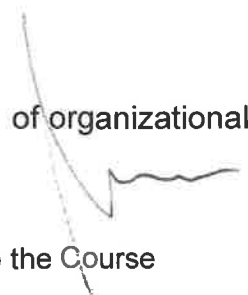
GRADING SCHEME

<i>Points</i>	<i>Grade</i>
Up to 59	1 (F)
60-76	2 (D,E)
77-84	3 (C)
85-92	4 (B)
93-100	5 (A)

Course leader



Head of organizational unit:



Note: The course leader is required to submit a Course Syllabus to all teachers and associates pertaining to the Course