

Course: ANIMAL BREEDS CHARACTERISTICS

UNIVERSITY OF ZAGREB
FACULTY OF VETERINARY MEDICINE
Heinzelova 55
Tel. 01/2390224
Division: Animal Production and Biotechnology
Organizational unit: Animal Breeding and Livestock Production
E-mail of the course leader: smencik@vef.unizg.hr
Register No of the organisational unit: 61-09-2025-14
Zagreb, 7/2/2025

		
198053	REPUBLIKA HRVATSKA	
Veterinarski fakultet u Zagrebu		
Primljeno:	11.02.2025	
Klasifikacijska oznaka	Org. jed.	
602-04/24-22/38	251-61-41;251-61-32;	
Urudžbeni broj	Prilozi	Vrijednost
251-61-09-25-148	0	-

COURSE SYLLABUS

Course name:
Academic year 2024/2025

Course leader: Assoc. Prof. Sven Menčik, PhD

Deputy course leader: (title, name and surname): Full Prof. (permanent) Anamaria Ekert Kabalin, 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

First day of classes: 3/3/2025

Last day of classes: 27/5/2025

Activities - Animal Breeds Characteristics (1/4)

Start Date	Start T	End Ti	Subject	Group	Note	Length	Instructor	Room
03/03/2025	13:00	14:30	p01 Domestication - Introduction to species	2E-1, 2E-2, 2E-3, P_fizika		1:30	Mencik S.	P_farmakologija
04/03/2025	9:45	11:15	p02 General and specific characteristics	2E-1, 2E-2, 2E-3, P_fizika		1:30	Mauric M. M.	P_farmakologija
04/03/2025	11:30	13:00	v01 Marking and registration of animals	2E-2		1:30	Nastavnici na predmetu	R_stocarstvo mala
04/03/2025	13:15	14:45	v01 Marking and registration of animals	2E-3		1:30	Nastavnici na predmetu	R_stocarstvo mala
05/03/2025	13:45	15:15	v01 Marking and registration of animals	2E-1		1:30	Nastavnici na predmetu	R_stocarstvo mala
11/03/2025	12:15	13:45	p03 Breeds of pigs and poultry	2E-1, 2E-2, 2E-3		1:30	Ekert K.	P_farmakologija
14/03/2025	10:00	11:30	p04 Breeds of sheep and goats	2E-1, 2E-2, 2E-3, P_mikrobiologija		1:30		P_farmakologija
14/03/2025	11:45	13:15	v02 Age-sex categories of animals	2E-1		1:30	Nastavnici na predmetu	R_stocarstvo mala
14/03/2025	15:00	16:30	v02 Age-sex categories of animals	2E-2, 2E-3		1:30	Nastavnici na predmetu	R_stocarstvo mala, R_stocarstvo velika
17/03/2025	11:45	13:15	p05 Breeds of cattle and horses	2E-1, 2E-2, 2E-3, P_fizika		1:30	Mencik S.	P_farmakologija
18/03/2025	11:15	12:45	p06 Breeds of dogs and cats	2E-1, 2E-2, 2E-3		1:30	Ekert K.	P_farmakologija
19/03/2025	12:00	13:30	v03 Colours, signs and identification	2E-1, 2E-2, R_stocarstvo mala		1:30	Nastavnici na predmetu	R_stocarstvo mala, R_stocarstvo velika
19/03/2025	13:45	15:15	v03 Colours, signs and identification	2E-3, R_stocarstvo mala		1:30	Nastavnici na predmetu	R_stocarstvo mala, R_stocarstvo velika
20/03/2025	9:45	11:15	p07 Laboratory animals and rabbits	2E-1, 2E-2, 2E-3		1:30	Mauric M. M.	P_farmakologija

Activities - Animal Breeds Characteristics (2/4)

Start Date	Start T	End Ti	Subject	Group	Note	Length	Instructor	Room
20/03/2025	11:30	13:00	v04 Body measures, scoring systems	2E-3, R_stocarstvo mala		1:30	Nastavnici na predmetu	R_stocarstvo mala, R_stocarstvo velika
20/03/2025	13:15	14:45	v04 Body measures, scoring systems	2E-1, 2E-2, R_stocarstvo mala		1:30	Nastavnici na predmetu	R_stocarstvo mala, R_stocarstvo velika
21/03/2025	11:45	13:15	s01 Hybrids of pigs and poultry	2E-1, 2E-2, 2E-3, P_fiziologija		1:30	Mencik S.	P_patologija
24/03/2025	8:15	9:45	v05 Colloquium 1	2E-1, 2E-2		1:30	Nastavnici na predmetu	R_stocarstvo mala, R_stocarstvo velika
24/03/2025	10:00	11:30	v05 Colloquium 1	2E-3		1:30	Nastavnici na predmetu	R_stocarstvo mala, R_stocarstvo velika
26/03/2025	8:15	9:45	v06 Pigs, poultry - specific characteristics	2E-1		1:30	Nastavnici na predmetu	R_stocarstvo velika
26/03/2025	13:30	15:00	v06 Pigs, poultry - specific characteristics	2E-2, 2E-3		1:30	Nastavnici na predmetu	R_stocarstvo mala, R_stocarstvo velika
27/03/2025	8:15	9:45	v07 Cattle - specific characteristics	2E-3		1:30	Nastavnici na predmetu	R_stocarstvo mala, R_stocarstvo velika
27/03/2025	11:45	13:15	v07 Cattle - specific characteristics	2E-1, 2E-2		1:30	Nastavnici na predmetu	R_stocarstvo mala, R_stocarstvo velika
31/03/2025	11:45	13:15	v08 Horses - specific characteristics	2E-1, 2E-2, R_stocarstvo mala		1:30	Nastavnici na predmetu	R_stocarstvo mala, R_stocarstvo velika
31/03/2025	13:30	15:00	v08 Horses - specific characteristics	2E-3, R_stocarstvo mala		1:30	Nastavnici na predmetu	R_stocarstvo mala, R_stocarstvo velika
03/04/2025	10:15	11:45	s02 Breeds of cattle	2E-1, 2E-2, 2E-3, P_fiziologija		1:30	Mauric M. M.	P_fiziologija
04/04/2025	8:15	9:45	s03 Breeds of horses	2E-1, 2E-2, 2E-3, P_fizika		1:30	Mauric M. M.	P_fiziologija

Activities - Animal Breeds Characteristics (3/4)

Start Date	Start T	End Ti	Subject	Group	Note	Length	Instructor	Room
07/04/2025	12:15	13:45	s04 Breeds of sheep and goat	2E-1, 2E-2, 2E-3		1:30		R_stocarstvo velika
08/04/2025	10:15	11:45	v09 Sheep, goat - specific characteristics	2E-1, 2E-2		1:30	Nastavnici na predmetu	R_stocarstvo mala, R_stocarstvo velika
08/04/2025	12:00	13:30	v09 Sheep, goat - specific characteristics	2E-3		1:30	Nastavnici na predmetu	R_stocarstvo velika
09/04/2025	10:00	11:30	v10 Colloquium 2	2E-3		1:30	Nastavnici na predmetu	R_stocarstvo velika
09/04/2025	11:50	13:20	v10 Colloquium 2	2E-1, 2E-2		1:30	Nastavnici na predmetu	R_stocarstvo mala, R_stocarstvo velika
10/04/2025	11:00	12:30	v11 Breeds of dogs (I)	2E-3		1:30	Nastavnici na predmetu	R_stocarstvo mala, R_stocarstvo velika
10/04/2025	13:00	14:30	v11 Breeds of dogs (I)	2E-1, 2E-2		1:30	Nastavnici na predmetu	R_stocarstvo mala, R_stocarstvo velika
16/04/2025	10:30	12:00	v12 Breeds of dogs (II) cats(I)	2E-1, 2E-2		1:30	Nastavnici na predmetu	R_stocarstvo mala, R_stocarstvo velika
16/04/2025	12:15	13:45	v12 Breeds of dogs (II) cats(I)	2E-3		1:30	Nastavnici na predmetu	R_stocarstvo mala, R_stocarstvo velika
22/04/2025	9:30	11:00	v13 Laboratory animals, cage pets	2E-3		1:30	Nastavnici na predmetu	R_stocarstvo mala, R_stocarstvo velika
23/04/2025	13:45	15:15	v13 Laboratory animals, cage pets	2E-1, 2E-2		1:30	Nastavnici na predmetu	R_stocarstvo mala, R_stocarstvo velika
06/05/2025	13:00	14:30	v14 Repetition of practicals	2E-1, 2E-2		1:30	Nastavnici na predmetu	R_stocarstvo mala, R_stocarstvo velika
08/05/2025	8:15	9:45	v14 Repetition of practicals	2E-3		1:30	Nastavnici na predmetu	R_stocarstvo mala, R_stocarstvo velika

Activities - Animal Breeds Characteristics (4/4)

Start Date	Start T	End Ti	Subject	Group	Note	Length	Instructor	Room
12/05/2025	8:15	9:45	s05 Breeds of dogs	2E-1, 2E-2, 2E-3		1:30	Ekert K.	P_fiziologija
15/05/2025	13:30	15:00	v15 Colloquium 3	2E-3		1:30	Nastavnici na predmetu	R_stocarstvo mala, R_stocarstvo velika
16/05/2025	8:15	9:45	v15 Colloquium 3	2E-1, 2E-2		1:30	Nastavnici na predmetu	R_stocarstvo mala, R_stocarstvo velika
27/05/2025	7:30	13:30	t01 Farm visit	2E-1, 2E-2, 2E-3		6:00	Nastavnici na predmetu	
Total: 44						70:30		

ANIMAL BREEDS CHARACTERISTICS

STUDENT OBLIGATIONS

Lecture attendance	Attending lectures (1st to 6th) and e – learning (7th): a total of 6 points (the lowest number of points that a student should gain from this element is 3 points)
Seminars attendance	Attending seminars: a total of 6 points (the lowest number of points that a student should gain from this element is 4 points). During the seminar, students must do planned seminar thematic unit exercises. Each successful seminar unit brings 0,25 points. During the first to fourth (1st – 4th) and fifth (5th – e-learning) seminar (e-learning), students will again self-check their knowledge based on 12 Merlin system questions, at the end of each lesson, according to the thematic units. If successful, each self-check with more than 50% correct answers brings 0,5 points. Students will have a chance to be active participants during every seminar and earn 0,5 points by answering questions orally.
Practicals attendance	Attending practicals: a total of 6 points - the lowest number of points that a student should gain from this element is 4 points. During shift classes students must do 12 planned exercises. If successful, each exercise brings 0,25 points. During the 2nd to 4th, 6th to 9th and 11th to 14th(e-learning) practicals, students will, at the end of each lesson, self-check their knowledge based on 6 questions in Merlin system, according to the thematic unit of the practical. Each successful self-check, with more than 50% of correct answers, brings you 0,5 points in activity. Students will have a chance to be active participants during every practical and earn 0,5 points by answering questions orally.
Active participation in seminars and practicals	Students who did not participate in practicals or seminars do not have the right to do a practicals and seminar self-checks. They only have the right to compensate the missed seminar and practicals date. During the term students need to achieve a minimum of 5 points (different combinations in solving programme exercises, self-checks, oral results interpretations / oral exams). The maximum number of points for this grading element is 10.
Final exam	Written: 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.

GRADING AND EVALUATING STUDENT WORK

Continuous knowledge-checking (mid-terms)	<p>During the course 3 colloquia will be organised. 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). A total of 32 points is possible in this category. The minimum number of credits that a student should gain from this element is 20 points.</p> <p>Regular colloquia dates: 1st colloquia – 24/3/2025 2nd colloquia – 9/4/2025 3rd colloquia – 15/5/2025</p> <p>Retakes: 16/6/2025 and 18/6/2025 30/6/2025 and 2/7/2025 28/8/2025 8/9/2025</p>
---	--

Course **ANIMAL BREEDS CHARACTERISTICS**

Final exams (dates)	27/6/2025 9/7/2025 5/9/2025 17/9/2025
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: <ul style="list-style-type: none">•judge the morphological, physiological and psychological changes of animals after domestication and selection directed to 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

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