

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: 61-09-2024-9
Zagreb, 23/01/2024



177624	REPUBLIKA HRVATSKA	
Veterinarski fakultet u Zagrebu		
Primljeno:	23.01.2024	
Klasifikacijska oznaka	Org. jed.	
605-03/23-04/28	251-61-32;251-61-41;	
Urudžbeni broj	Prilozi	Vrijednost
251-61-09/391-24-71	0	-

COURSE SYLLABUS

Course name: Animal Breeds Characteristics

Academic year 2023/2024

Course leader: Associate Professor Sven Menčik, PhD
Deputy course leader: Full Professor (permanent) Anamaria Ekert Kabalin, PhD

Teachers: Full Professor (permanent) Anamaria Ekert Kabalin, PhD
Full Professor (permanent) Velimir Sušić, PhD
Associate Professor Maja Maurić Maljković, PhD
Associate Professor Sven Menčik, PhD
Associate teachers: postdoctoral assistant Ivan Vlahek, PhD and teaching assistant Aneta Piplica

First day of classes: 26/02/2024
Last day of classes: 28/05/2024

Activities - Animal Breeds Characteristics (1/4)								
	Start T	End Ti	Subject	Group	Note	Length	Instructor	Room
26/02/2024	13:00	14:30	p01 Domestication - Introduction to species	2E-1, 2E-2, 2E-3, P_fizika		1:30	Mencik S.	P_farmakologija
27/02/2024	10:00	11:30	p02 General and specific characteristics	2E-1, 2E-2, 2E-3, P_fizika		1:30	Mauric M. M.	P_farmakologija
27/02/2024	12:00	13:30	v01 Marking and registration of animals	2E-2		1:30	Nastavnici na predmetu	R_stocarstvo mala
27/02/2024	13:30	15:00	v01 Marking and registration of animals	2E-3		1:30	Nastavnici na predmetu	R_stocarstvo mala
28/02/2024	13:45	15:15	v01 Marking and registration of animals	2E-1		1:30	Nastavnici na predmetu	R_stocarstvo mala
05/03/2024	12:15	13:45	p03 Breeds of pigs and poultry	2E-1, 2E-2, 2E-3		1:30	Ekert K.	P_farmakologija
08/03/2024	10:00	11:30	p04 Breeds of sheep and goats	2E-1, 2E-2, 2E-3, P_mikrobiologija		1:30	Sušic V.	P_farmakologija
08/03/2024	12:00	13:30	v02 Age-sex categories of animals	2E-1		1:30	Nastavnici na predmetu	R_stocarstvo mala
08/03/2024	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
11/03/2024	11:45	13:15	p05 Breeds of cattle and horses	2E-1, 2E-2, 2E-3, P_fizika		1:30	Mencik S.	P_farmakologija
12/03/2024	10:00	11:30	p06 Breeds of dogs and cats	2E-1, 2E-2, 2E-3		1:30	Ekert K.	P_farmakologija
13/03/2024	9:00	10:30	v03 Colours, signs and identification	2E-3, R_stocarstvo mala		1:30	Nastavnici na predmetu	R_stocarstvo mala, R_stocarstvo velika
13/03/2024	11:00	12:30	v03 Colours, signs and identification	2E-1, 2E-2, R_stocarstvo mala		1:30	Nastavnici na predmetu	R_stocarstvo mala, R_stocarstvo velika
14/03/2024	11:30	13:00	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 T	End Ti	Subject	Group	Note	Length	Instructor	Room
18/03/2024	11:00	12:30	v04 Body measures, scoring systems	2E-1, 2E-2, R_stocarstvo mala		1:30	Nastavnici na predmetu	R_stocarstvo mala, R_stocarstvo velika
18/03/2024	12:45	14:15	v04 Body measures, scoring systems	2E-3, R_stocarstvo mala		1:30	Nastavnici na predmetu	R_stocarstvo mala, R_stocarstvo velika
20/03/2024	13:30	15:00	s01 Hybrids of pigs and poultry	2E-1, 2E-2, 2E-3, P_fiziologija		1:30	Mencik S.	P_fiziologija
21/03/2024	11:00	12:30	v05 Colloquium 1	2E-1, 2E-2		1:30	Nastavnici na predmetu	R_stocarstvo mala, R_stocarstvo velika
21/03/2024	13:30	15:00	v05 Colloquium 1	2E-3		1:30	Nastavnici na predmetu	R_stocarstvo mala, R_stocarstvo velika
25/03/2024	10:00	11:30	v06 Pigs, poultry - specific characteristics	2E-2, 2E-3		1:30	Nastavnici na predmetu	R_stocarstvo mala, R_stocarstvo velika
25/03/2024	11:45	13:15	v06 Pigs, poultry - specific characteristics	2E-1		1:30	Nastavnici na predmetu	R_stocarstvo velika
26/03/2024	14:30	16:00	v07 Cattle - specific characteristics	2E-1, 2E-2		1:30	Nastavnici na predmetu	R_stocarstvo mala, R_stocarstvo velika
27/03/2024	10:00	11:30	v07 Cattle - specific characteristics	2E-3		1:30	Nastavnici na predmetu	R_stocarstvo mala, R_stocarstvo velika
04/04/2024	12:30	14:00	v08 Horses - specific characteristics	2E-1, 2E-2, R_stocarstvo mala		1:30	Nastavnici na predmetu	R_stocarstvo mala, R_stocarstvo velika
04/04/2024	14:15	15:45	v08 Horses - specific characteristics	2E-3, R_stocarstvo mala		1:30	Nastavnici na predmetu	R_stocarstvo mala, R_stocarstvo velika
05/04/2024	11:00	12:30	s02 Breeds of cattle	2E-1, 2E-2, 2E-3, P_fiziologija		1:30	Mauric M. M.	P_fiziologija
09/04/2024	11:00	12:30	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 T	End Ti	Subject	Group	Note	Length	Instructor	Room
10/04/2024	8:15	9:45	s04 Breeds of sheep and goat	2E-1, 2E-2, 2E-3		1:30	Sušic V.	P_sudska
12/04/2024	11:30	13:00	v09 Sheep, goat - specific characteristics	2E-1, 2E-2		1:30	Nastavnici na predmetu	R_stocarstvo mala, R_stocarstvo velika
12/04/2024	13:15	14:45	v09 Sheep, goat - specific characteristics	2E-3		1:30	Nastavnici na predmetu	R_stocarstvo velika
15/04/2024	13:15	14:45	v10 Colloquium 2	2E-1, 2E-2		1:30	Nastavnici na predmetu	R_stocarstvo mala, R_stocarstvo velika
16/04/2024	14:00	15:30	v10 Colloquium 2	2E-3		1:30	Nastavnici na predmetu	R_stocarstvo velika
17/04/2024	13:15	14:45	v11 Breeds of dogs (I)	2E-1, 2E-2		1:30	Nastavnici na predmetu	R_stocarstvo mala, R_stocarstvo velika
18/04/2024	12:30	14:00	v11 Breeds of dogs (I)	2E-3		1:30	Nastavnici na predmetu	R_stocarstvo mala, R_stocarstvo velika
19/04/2024	11:00	12:30	v12 Breeds of dogs (II) cats(I)	2E-1, 2E-2		1:30	Nastavnici na predmetu	R_stocarstvo mala, R_stocarstvo velika
19/04/2024	13:00	14:30	v12 Breeds of dogs (II) cats(I)	2E-3		1:30	Nastavnici na predmetu	R_stocarstvo mala, R_stocarstvo velika
23/04/2024	13:00	14:30	v13 Laboratory animals, cage pets	2E-1, 2E-2		1:30	Nastavnici na predmetu	R_stocarstvo mala, R_stocarstvo velika
23/04/2024	14:30	16:00	v13 Laboratory animals, cage pets	2E-3		1:30	Nastavnici na predmetu	R_stocarstvo mala, R_stocarstvo velika
26/04/2024	8:15	9:45	v14 Repetition of practicals	2E-1, 2E-2		1:30	Nastavnici na predmetu	R_stocarstvo mala, R_stocarstvo velika
29/04/2024	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 T	End Ti	Subject	Group	Note	Length	Instructor	Room
30/04/2024	11:00	12:30	s05 Breeds of dogs	2E-1, 2E-2, 2E-3		1:30	Ekert K.	P_fiziologija
06/05/2024	8:15	9:45	v15 Colloquium 3	2E-1, 2E-2		1:30	Nastavnici na predmetu	R_stocarstvo mala, R_stocarstvo velika
07/05/2024	11:45	13:15	v15 Colloquium 3	2E-3		1:30	Nastavnici na predmetu	R_stocarstvo mala, R_stocarstvo velika
28/05/2024	8:00	14:00	t01 Farm visit	2E-1, 2E-2, 2E-3		6:00	Nastavnici na predmetu	
Total: 44						70:30		

STUDENT OBLIGATIONS

Lecture attendance	Attending lectures (1 st to 6 th) and e – learning (7 th): 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 (1 st - 4 th) and fifth (5 th - 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 2 nd to 4 th , 6 th to 9 th and 11 th to 14 th (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 Integrated Undergraduate and Graduate Study of Veterinary Medicine (2022). Given the above, the student must acquire a minimum number of points from all assessment elements in order to take the final exam. Article 41: 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 – 21/03/2024 2nd colloquia – 15/04/2024 and 16/04/2024 3rd colloquia – 06/05/2024 and 07/05/2024</p> <p>Compensations: 14/06/2024 21/06/2024 02/07/2024</p>
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Final exams (dates)	Final exam schedule for summer session 2023/2024: 24 th of June 2024 3 rd of July 2024 12 th of July 2024 3 rd of September 2024 11 th of September 2024 20 th of September 2024
Form of final exam	written

LITERATURE

Obligatory literature	Mason, I. L.: World dictionary of livestock breeds, types and varieties. 5th Edition. CABI Publishing, 2002. Fogle, B.: The new encyclopedia of the dog. Dorling Kindersley Publishing, Inc., 2000. Helgren, A.J.: Encyclopedia of cat breeds. Barrons Educational Series, Inc., 2013. Ward, J.D.: A Manual for laboratory animal management. World Scientific Publishing, 2008
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">• explain 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)• identify 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)• describe the exterior of certain domestic animals• evaluate production type or breeding group based on individual phenotypic characteristics• use the gained knowledge in judging the exterior, condition, constitution, temperament and age as well as measuring and marking of animals• identify basic administrative books, forms and computer programs used in the registration of domestic animals

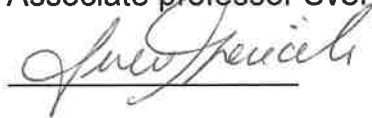
Course:

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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
Associate professor Sven Menčík, PhD



Head of organizational unit:
Full professor Anamaria Ekert Kabalin, PhD



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

Course:

ANIMAL BREEDS CHARACTERISTICS

GRADING AND EVALUATION OF STUDENT WORK ON COURSES WITH LECTURES, SEMINARS and PRACTICALS

Type of activity	Minimum number of points	Maximum number of points
Lectures attendance	3	6
Seminar attendance	4	6
Practicals attendance	4	6
Active participation in seminars and practicals	5	10
Continuous knowledge checking (mid-terms)	20	32
Final exam	24	40
TOTAL	60	100

GRADING AND EVALUATION OF STUDENT WORK ON COURSES WITH LECTURES and SEMINARS

Type of activity	Minimum number of points	Maximum number of points
Lecture attendance	3	6
Practicals attendance	8	12
Active participation in practicals	5	10
Continuous knowledge checking (mid-terms)	20	32
Final exam	24	40
TOTAL	60	100

GRADING AND EVALUATION OF STUDENT WORK ON COURSES WITH SEMINARS and EXERCISES

Type of activity	Minimum number of points	Maximum number of points
Seminar / practicals attendance	11	18
Active participation in seminars and practicals	5	10
Continuous knowledge checking (mid-terms)	20	32
Final exam	24	40
TOTAL	60	100