

2023-2024

UNIVERSITY OF ZAGREB  
FACULTY OF VETERINARY MEDICINE  
Heinzelova 55  
Tel. 01/2390325  
Division: Clinical Division  
Department: Herd Health  
e-mail: bacic@vef.hr  
Ur.br.:  
Zagreb, September 14th 2023.

170761		REPUBLIKA HRVATSKA	
Veterinarski fakultet u Zagrebu			
Primljeno:	15.09.2023		
Klasifikacijska oznaka	Org. jed.		
605-03/23-04/28	251-61-32;		
Uredbeni broj	Prilozi	Vrijednost	
251-61-30/257-23-39	0	-	

## COURSE SYLLABUS

Course name: Herd Health

Academic year. 2023./24.

Course leader: Goran Bačić Full Professor

First day of classes: October 02nd 2023.

Last day of classes: December 12th 2023.

Activities - Herd Health							
Start Dat	Start Tim	End Time	Subject	Group	Instructor	Room	Length
02/10/2023	11:00	11:45	p01 Introduction	11E-1, 11E-2			0:45
03/10/2023	8:00	11:45	t01 Field 1	11E-1	Nastavnici na predmetu		3:45
03/10/2023	8:00	11:45	t01 Field 1	11E-2	Nastavnici na predmetu		3:45
31/10/2023	8:00	11:45	t02 Field 2	11E-1	Nastavnici na predmetu		3:45
31/10/2023	8:00	11:45	t02 Field 2	11E-2	Nastavnici na predmetu		3:45
12/12/2023	8:00	11:45	t03 Field 3	11E-1	Nastavnici na predmetu		3:45
12/12/2023	8:00	11:45	t03 Field 3	11E-2	Nastavnici na predmetu		3:45
<b>Total: 7</b>							<b>23:15</b>

**Timetable of Lectures in academic year 2023./2024.**

<b>Lectures</b>				
<b>Date</b>	<b>Lecture title</b>	<b>Teacher</b>	<b>Time and place</b>	<b>Literature</b>
Oct. 2nd.2023.	Herd Health Introduction	Goran Bačić Full Prof.	Obstetrics and Repro practical hall 11-11,45h	

**Timetable of Seminars in academic year 2023./2024.**

**There will be no Seminars**

**Timetable of Practicals in academic year 2023./2024.**

October 03rd 2023.	Practical on farm field work with all aspects of Herd Health	Goran Bačić Full Prof.	Field work on scheduled farms 8-11,45th Group 11E1/E2	Radostits OM: Herd Health – Food Animal Production Medicine 3rd Edit. WB Saunders Comp. 2001
October 31st 2023.	Practical on farm field work with all aspects of Herd Health	Goran Bačić Full Prof.	Field work on scheduled farms 8-11,45th Group 11E1/E2	Radostits OM: Herd Health – Food Animal Production Medicine 3rd Edit. WB Saunders Comp. 2001
December 12th 2023..	Practical on farm field work with all aspects of Herd Health	Goran Bačić Full Prof.	Field work on scheduled farms 8-11,45th Group 11E1/E2	Radostits OM: Herd Health – Food Animal Production Medicine 3rd Edit. WB Saunders Comp. 2001

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### STUDENT OBLIGATIONS

Lectures attendance	Only one lecture - mandatory
Seminars attendance	No Seminars
Practical work attendance	3 practical field work - mandatory
Active participation in Practicals	Will be monitored and evaluated by course teacher
Final exam	In order to take the final exam a student must gain minimal 32 points from attending lectures, exercises and continuous knowledge checking Final exam Min 9 correct answers on 15 questions = 24 points Max 15 correct answers to 15 questions = 40 points (coefficient 2.66) A student must satisfy minimal conditions from EACH OF THE THREE FIELDS, that means a student who attended lectures regularly and gained the maximal number of points, but has markedly bad results at continuous knowledge checking cannot take the final exam.
Examination requirements	Student requirements are defined in the Regulations on the Integrated Undergraduate and Graduate Study of Veterinary Medicine. 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; 20% of the seminars and 20% of the practicals.

### KNOWLEDGE EVALUATION

Continuous knowledge checking	There will be 2 continuous knowledge checking, first after first farm visit, and second one after a second farm visit. Continuous knowledge checking Min 14 (2 X 7) correct answers to 20 questions = 22 points
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2023-2024

	Max 20 (2 X 10) correct answers to 20 questions = 32 points (coefficient 1.60) 1.
Exams schedule (dates)	01st February 2024 and 12th February 2023.
Evaluation elements	Evaluation elements are: 1. Attending lectures and farm visits 2. Result of continuous knowledge checking (2 preliminary exams)

### LITERATURE

Obligatory literature	1. Radostits OM: Herd Health – Food Animal Production Medicine 3rd Edit. WB Saunders Comp. 2001
Optional literature	2. Brandt A, JPTM Noordhuizen, YH Schukken: Herd Health and Production Management in Dairy Practice. Wageningen Pers. 2001. 3. <a href="https://www.coursera.org/learn/dairy-production?">https://www.coursera.org/learn/dairy-production?</a>

### OBJECTIVES AND LEARNING OUTCOMES

Course objectives	Getting students acquainted with basic principles of Herd Health and Production Management. Special attention is to be focused on practical appliance of acquired knowledge and experience. Attendants who finish the course should be able to detect and recognise most problems on farm, and fix some of them using acquired knowledge. For the rest they should ask for help (usually
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	<p>from more experienced veterinarians). General competence: training attendants for team work, improving their communicative skills. Specific competence: introducing to basic Herd Health principles, introducing to basic epidemiologic principles based on practical data collecting and researching without processing and analysing them, detecting of basic cause and effect relations of the most important farm diseases, noticing of specific advantages and disadvantages of environmental and housing factors to herd health, mastering of basic nutrition principles, comprehending of basic reproduction principles pointing out veterinary and technical procedures, equipment and animal manipulation, mastering of regular milking procedures, development and improvement of new milking protocols, detecting of metabolic disorders and veterinary procedures for those, detecting of lameness and veterinary procedures, skills and procedures at appearance of infectious diseases on farms, getting acquainted with specific features of herd health at other farm animals (pigs, sheep, goats).</p>
Learning outcomes	<p>To be able independently complete the farm visit, evaluate most important aspects of herd health on farm (nutrition, housing, hygiene, metabolic, infectious and noninfectious diseases, reproduction and mastitis problems and lameness).</p> <p>Interview with the farmer about his wishes and plans for the future of the farm</p> <p>Complete the farm report with present state, plans for the future and veterinarian recommendation for the improvement</p> <p>Regular follow ups and evaluations</p> <p>Continuous data collecting</p>

**GRADING SCHEME**

<i>Points</i>	<i>Grade</i>
Up to 59	1 (F)
60-68	2 (E)
69-76	2 (D)
77-84	3 (C)
85-92	4 (B)
93-100	5 (A)

Course leader:

Goran Bačić Full Prof.

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