

Herd Health

UNIVERSITY OF ZAGREB
FACULTY OF VETERINARY MEDICINE
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206047	REPUBLIKA HRVATSKA		
Veterinarski fakultet u Zagrebu			
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Uredbeni broj	Prilozl	Vrljednost	
251-61-22/13-25-03	0	-	

COURSE SYLLABUS

Course name: Herd Health

Academic year 2025/2026

Course leader Full Prof. Goran Bačić

First day of classes: 23/10/2025

Last day of classes: 19/12/2025

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Activities - Herd Health								
Start Date	Start T	End Ti	Subject	Group	Note	Length	Instructor	Room
27/10/2025	8:15	14:15	t01 Field 1	11E-1, 11E-2, 11E-3		6:00	Prof. dr. sc. Goran Bačić	
01/12/2025	8:15	14:15	t02 Field 2	11E-1, 11E-2, 11E-3		6:00	Prof. dr. sc. Goran Bačić	
19/12/2025	8:15	14:15	t03 Field 3	11E-1, 11E-2, 11E-3		6:00	Prof. dr. sc. Goran Bačić	
Total: 4						18:45		

Timetable of LECTURES in academic year 2025/2026

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 (2024). 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 practicals.

GRADING AND EVALUATING STUDENT WORK

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 Max 20 (2 X 10) correct answers to 20 questions = 32 points (coefficient 1.60)
Exams schedule (dates)	3/2/2026 and 12/2/2026
Evaluation elements	Evaluation elements are: 1 Attending lectures and farm visits 2 Result of continuous knowledge checking (2 preliminary exams)

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LITERATURE

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

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 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).
Learning outcomes	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. Interview with the farmer about his wishes and plans for the future of the farm. Complete the farm report with present state, plans for the future and veterinarian recommendation for the improvement. Regular follow ups and evaluations. Continuous data collecting.

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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:


Full Prof. Goran Bačić

Head of Clinic


Full Prof. Goran Bačić

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