

UNIVERSITY OF ZAGREB
FACULTY OF VETERINARY MEDICINE
Heinzelova 55
Tel. 01/2390-360
Division: Veterinary Public Health and Food Safety
Organizational unit: Parasitology and Parasitic Diseases with Clinics
E-mail of the course leader: fmartinkovic@vef.hr
Register No of the organisational unit: 61-12-25-38
Zagreb, 5/9/2025



207052	REPUBLIKA HRVATSKA		
Veterinarski fakultet u Zagrebu			
Primljeno:	05.09.2025		
Klasifikacijska oznaka	Org. jed.		
602-04/25-22/34	251-61-41/251-61-32,		
Urudžbeni broj	Prilozi	Vrijednos	
251-61-12-25-47	0	-	

COURSE SYLLABUS

Course name: Parasitology and Parasitic Diseases I
Academic year 2025/2026

Course leader: Assoc. Prof. Franjo Martinković

Deputy course leader: prof. Albert Marinculić*

Teachers: Assoc. Prof. Franjo Martinković, Božana Barišić, DVM, Nika Konstantinović, DVM

First day of classes: 29/9/2025

Last day of classes: 23/12/2025

* The deputy course leader is taking a sabbatical year (2025/2026).

Activities - Parasitology and Parasitic Diseases I (1/4)

Start Date	Start T	End Ti	Subject	Group	Note	Length	Instructor	Room
29/09/2025	10:15	11:45	p01 introduction to parasitology	5E-1, 5E-2, 5E-3		1:30	Martinković F	V_parazitologija
30/09/2025	12:00	13:30	v01 Introduction to parasitology	5E-1		1:30	Nastavnici na predmetu	V_parazitologija
01/10/2025	13:30	15:00	v01 Introduction to parasitology	5E-2		1:30	Nastavnici na predmetu	V_parazitologija
03/10/2025	8:15	9:45	v01 Introduction to parasitology	5E-3		1:30	Nastavnici na predmetu	V_parazitologija
06/10/2025	8:15	9:45	p02 Coccidiosis of poultry and carnivores, Tissue coccidia	5E-1, 5E-2, 5E-3		1:30	Martinković F	V_parazitologija
08/10/2025	8:15	9:45	v02 Coccidia	5E-3		1:30	Nastavnici na predmetu	V_parazitologija
09/10/2025	10:00	11:30	v02 Coccidia	5E-1		1:30	Nastavnici na predmetu	V_parazitologija
10/10/2025	8:15	9:45	v02 Coccidia	5E-2		1:30	Nastavnici na predmetu	V_parazitologija
13/10/2025	8:15	9:45	v03 Tissue coccidia	5E-1		1:30	Nastavnici na predmetu	V_parazitologija
14/10/2025	10:15	11:45	v03 Tissue coccidia	5E-3		1:30	Nastavnici na predmetu	V_parazitologija
14/10/2025	13:45	15:15	v03 Tissue coccidia	5E-2		1:30	Nastavnici na predmetu	V_parazitologija
16/10/2025	13:15	14:45	p03 Piroplasmosis, giardiosis, cryptosporidiosis, neosporosis	5E-1, 5E-2, 5E-3		1:30	Martinković F	V_parazitologija

Activities - Parasitology and Parasitic Diseases I (2/4)

Start Date	Start T	End Ti	Subject	Group	Note	Length	Instructor	Room
17/10/2025	10:00	11:30	v04 Babesia, Giardia	5E-2		1:30	Nastavnici na predmetu	V_parazitologija
21/10/2025	11:45	13:15	v04 Babesia, Giardia	5E-3		1:30	Nastavnici na predmetu	V_parazitologija
21/10/2025	13:30	15:00	v04 Babesia, Giardia	5E-1		1:30	Nastavnici na predmetu	V_parazitologija
22/10/2025	8:15	9:45	p04 Leishmaniosis	5E-1, 5E-2, 5E-3		1:30	Martinković F.	V_parazitologija
27/10/2025	9:45	11:15	v05 Leishmania	5E-2		1:30	Nastavnici na predmetu	V_parazitologija
27/10/2025	11:30	13:00	v05 Leishmania	5E-3		1:30	Nastavnici na predmetu	V_parazitologija
27/10/2025	13:30	15:00	v05 Leishmania	5E-1		1:30	Nastavnici na predmetu	V_parazitologija
28/10/2025	10:00	11:30	v06 Diagnostics of protozoal infections	5E-2		1:30	Nastavnici na predmetu	V_parazitologija
28/10/2025	11:45	13:15	v06 Diagnostics of protozoal infections	5E-1		1:30	Nastavnici na predmetu	V_parazitologija
30/10/2025	10:00	11:30	v06 Diagnostics of protozoal infections	5E-3		1:30	Nastavnici na predmetu	V_parazitologija
03/11/2025	8:15	9:45	p05 Diseases caused by trematodes	5E-1, 5E-2, 5E-3		1:30	Martinković F	V_parazitologija
05/11/2025	11:30	13:00	v07 Trematoda	5E-3		1:30	Nastavnici na predmetu	V_parazitologija
06/11/2025	8:15	9:45	v07 Trematoda	5E-1		1:30	Nastavnici na predmetu	V_parazitologija

Activities - Parasitology and Parasitic Diseases I (3/4)

Start Date	Start T	End Ti	Subject	Group	Note	Length	Instructor	Room
07/11/2025	10:00	11:30	v07 Trematoda	5E-2		1:30	Nastavnici na predmetu	V_parazitologija
11/11/2025	12:15	13:45	v08 Diagnostics of trematodes	5E-1		1:30	Nastavnici na predmetu	V_parazitologija
13/11/2025	8:15	9:45	v08 Diagnostics of trematodes	5E-3		1:30	Nastavnici na predmetu	V_parazitologija
14/11/2025	10:00	11:30	v08 Diagnostics of trematodes	5E-2		1:30	Nastavnici na predmetu	V_parazitologija
20/11/2025	11:15	12:45	p06 Diseases caused by cestodes	5E-1, 5E-2, 5E-3		1:30	Martinković F.	V_parazitologija
21/11/2025	10:15	11:45	v09 Tapeworms of herbivores, canine tapeworms pt. 1.	5E-1		1:30	Nastavnici na predmetu	V_parazitologija
24/11/2025	9:45	11:15	v09 Tapeworms of herbivores, canine tapeworms pt. 1.	5E-3		1:30	Nastavnici na predmetu	V_parazitologija
24/11/2025	11:30	13:00	v09 Tapeworms of herbivores, canine tapeworms pt. 1.	5E-2		1:30	Nastavnici na predmetu	V_parazitologija
27/11/2025	13:30	15:00	p07 Tapeworms of carnivores	5E-1, 5E-2, 5E-3		1:30	Martinković F.	V_parazitologija
01/12/2025	11:30	13:00	v10 Tapeworms of carnivores pt.2, Larval stages	5E-2		1:30	Nastavnici na predmetu	V_parazitologija
04/12/2025	12:00	13:30	v10 Tapeworms of carnivores pt.2, Larval stages	5E-3		1:30	Nastavnici na predmetu	V_parazitologija
05/12/2025	10:30	12:00	v10 Tapeworms of carnivores pt.2, Larval stages	5E-1		1:30	Nastavnici na predmetu	V_parazitologija

Activities - Parasitology and Parasitic Diseases I (3/4)

Start Date	Start T	End Ti	Subject	Group	Note	Length	Instructor	Room
09/12/2025	8:15	9:45	p08 Echinococcosis, cysticercosis, Introduction to Nematoda	5E-1, 5E-2, 5E-3		1:30	Martinković F.	V_parazitologija
12/12/2025	13:30	15:00	v11 Echinococcosis, cysticercosis	5E-2		1:30	Nastavnici na predmetu	V_parazitologija
15/12/2025	8:15	9:45	v11 Echinococcosis, cysticercosis	5E-3		1:30	Nastavnici na predmetu	V_parazitologija
15/12/2025	14:00	15:30	v11 Echinococcosis, cysticercosis	5E-1		1:30	Nastavnici na predmetu	V_parazitologija
16/12/2025	12:00	13:30	p09 Ascaridae, Ancylostomidae, Oxyuridae	5E-1, 5E-2, 5E-3		1:30	Martinković F	V_parazitologija
22/12/2025	10:00	11:30	v12 Introduction to nematodes, Ascarids and Oxyurida	5E-3		1:30	Nastavnici na predmetu	V_parazitologija
23/12/2025	8:15	9:45	v12 Introduction to nematodes, Ascarids and Oxyurida	5E-1		1:30	Nastavnici na predmetu	V_parazitologija
23/12/2025	12:00	13:30	v12 Introduction to nematodes, Ascarids and Oxyurida	5E-2		1:30	Nastavnici na predmetu	V_parazitologija

Total: 45

67:30

Timetable for LECTURES academic year 2025/2026

STUDENT OBLIGATIONS

Lecture attendance	During the winter semester in the course Parasitology and Parasitic Diseases, the student must attend ten hours of lectures (five out of nine block hours) in order to obtain the minimum of 1.5 points. Attendance at each additional block lecture beyond the required minimum earns 0.375 points. Maximum points from this assessment=3.
Seminars attendance Practicals attendance	During the course the student must attend more 70% exercise lessons (8 out of 12 programmes) in order to gain four minimal points during the semester. Maximal points that student can gain is six. Attendance at each program beyond the required minimum earns 0.5 points. Non attendance must be justified in order to compensate the points.
Active participation in seminars and practicals	Students must be prepared for every practical. Preparedness will be tested by short oral questions in different programs. During the semester, preparedness can be tested overall two times by student's engagement or by teacher's choice. At each test, student can gain 1.5 points. If the student cannot answer during the oral test, he will not receive the 1.5 points for activity. For completed tasks, the student receives the instructor's signature at the end of each practical class. After attending both semesters, the student must have at least one satisfactory oral answer (1.5 points) from the activity assessment element in order to obtain the signature at the end of the 6th semester.
Final exam	The minimum number of points a student must earn in the 5th semester (and which is a requirement for obtaining the signature and enrolling in the course in the 6th semester) is 15.5. These points are obtained by adding 10 points from two colloquiums, attendance at five block hours (50% of lectures), which brings 1.5 points, and attendance at eight practical classes (70%), which brings four points. The maximum number of points in the 5th semester is 28, obtained by adding 16 (two colloquiums solved 100%) + three points (class activity, i.e., two satisfactory oral answers in different practical classes) + six points (attendance at all practical classes) + three points (attendance at all lectures)."
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. Regulations On Intergraduate And Graduate Studies, Article 41: a student can justifiably be absent from up to 50% of the lectures; 30% of the seminars and 30% of the exercises.
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GRADING AND EVALUATING STUDENT WORK

Continuous knowledge-checking (mid-terms)	During the course there will be two knowledge assessments with 20 questions. Mid-terms (colloquiums): November 11 th , November 13 th , November 14 th , December 22 nd , December 23 rd .
Final exams (dates)	
Form of final exam	At the final exam the student answers the questions orally.

LITERATURE

Obligatory literature	DEPLAZES, P., J. ECKERT, A. MATHIS, G. VON SAMSON-HIMMELTJERNA, H. ZAHNER (2016): Parasitology in Veterinary Medicine. Wageningen Academic Publishers, Enke, Germany. 650 p. BOWMAN, D. D. (2014): Georgis' Parasitology for Veterinarians. 10 th ed. St. Louis: Saunders, 2014. 496 p. ZAJAC, A. M., G. A. CONBOY, S. E. LITTLE, M. V. REICHARD (2021): Veterinary Clinical Parasitology. 9 th edition. Wiley. 432 p.
Optional literature	HENDRIX, C. M., E. ROBINSON (2022): Diagnostic Parasitology for Veterinary Technicians. 6 th edition. Mosby. 432p ESTRADA-PEÑA, A. BOUATTOR, J.-L. CAMICAS, A. WALKER (2004): Ticks of domestic animals in the Mediterranean region. A guide to identification of species. University of Zaragoza, Spain, str. 1-131.

OBJECTIVES AND LEARNING OUTCOMES

Course objectives	Understanding the biology and ecology of parasites and vectors of medical and veterinary importance, differentiation and recognition of individual groups of parasites as well as individual parasites and their developmental forms within groups, understanding of invasion methods and pathogenesis of diseases caused by parasites, achievement of diagnostic skills and competencies for taking, preparing and processing samples, diagnosis by identification of parasites or their developmental stages, knowledge of treatment, prevention and monitoring of parasitic diseases, as well as understanding contemporary trends in veterinary parasitology..
Learning outcomes	After successful completing the course, the student will be able to: -Associate the biology and ecology of parasites (or vectors) of veterinary and medical importance -Identify important parasites and their developmental forms -Describe the pathogenesis of diseases/conditions caused by parasites or their developmental forms -Demonstrate diagnostic skills in collecting, preparing and examining samples -To comment the results of diagnostic methods -Suggest control (diagnosis and prevention) and adequate treatment of certain parasitic diseases

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

Assoc. Prof. Franjo Martinković

Head of organizational unit:

Prof.dr.sc. Tatjana Živičnjak

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