

2022-2023

WILDLIFE DISEASE

UNIVERSITY OF ZAGREB
FACULTY OF VETERINARY MEDICINE
Heinzelova 55
Tel. 01/ 2390 156
Division: Animal production and biotechnology
Department / Clinic: Department for game and wildlife management
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Register no.:
File no.:
Zagreb, October 19th 2022



153508	REPUBLIKA HRVATSKA	
Veterinarski fakultet u Zagrebu		
Primljeno:	19.10.2022	
Klasifikacijska oznaka	Org. jed.	
605-03/22-04/35	251-61-32;251-61-41;	
Uruđbeni broj	Prilozi	Vrijednost
251-61-19/381-22-40	0	-

COURSE SYLLABUS

Course name: Wildlife disease

Academic year 2022-23

Course leader: associate prof. Magda Sindičić DVM PhD

Teachers: Prof. Alen Slavica, prof. Zdravko Janicki

Associate teachers:

First day of classes: November 7th 2022

Last day of classes: November 25th 2022

Timetable for LECTURES academic year 2022-2023

LECTURES				
Date	Methodological unit	Teacher	Location / time	Literature
07.11.2022	Introduction lecture; monitoring of WD	M. Sindičić	Dep. game and wildlife 8:15 – 9:45 h	
15.11.2022	African swine fever	M. Sindičić	Dep. game and wildlife 8:15 – 9:45 h	

Timetable for SEMINARS academic year 2022-2023

SEMINARS					
Date	Methodological unit	Teacher	Group	Location / time	Literature

Timetable for PRACTICALS academic year 2022-2023

PRACTICALS						
Date	Methodological unit	Teacher	Type of practical	Group	Location / time	Literature
08.11.2022	Silvatic rabies	A. Slavica			Dep. game and wildlife 09:15 – 11:30	
11.11.2022	<i>Fascioloides magna</i>	Z. Janicki			Dep. game and wildlife 11:15 – 12:45	
17.11.2022	Wildlife diseases in reintroduction projects	M. Sindičić			Dep. game and wildlife 08.15 - 09:45	
21.11.2022	Student presentations	M. Sindičić			Physiology department 08.15 -12:00	
24.11.2022	Non-infectious diseases of ungulates	Z. Janicki			Dep. game and wildlife 16:15 – 18:30	
25.11.2022	Bacterial zoonosis	A. Slavica			Dep. game and wildlife 16:15 – 18:30	

STUDENT OBLIGATIONS

Lecture attendance	Student must be present at least 50% of lectures.
Seminars attendance	/
Practicals attendance	Student must be present at least 80% of practical classes.
Active participation in seminars and practicals	Students must take an active part at the practical exercises by answering questions to prove their preparedness.
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.

GRADING AND EVALUATING STUDENT WORK

Continuous knowledge-checking (mid-terms)	None.
Final exams (dates)	
Form of final exam	Written and oral exam.

LITERATURE

Obligatory literature	<p>Hudson, P. J., A. Rizzoli, B. T. Grenfell, H. Heesterbeek, A. P. Dobson (Eds.) (2002): The Ecology of Wildlife Diseases. Oxford University Press Inc., New York, USA.</p> <p>Fairbrother, A., L. N. Locke, G. L. Hoff (1996): Noninfectious Diseases of Wildlife 2nd edn. Manson Publishing / The Veterinary Press, London, UK.</p> <p>Samuel, W. M., M. J. Pybus, A. A. Kocan (Eds) (2001): Parasitic Diseases of Wild Mammals 2nd edn. Manson Publishing / The Veterinary Press, London, UK.</p> <p>Williams, E. S., I. K. Barker (Eds) (2001): Infectious Diseases of Wild Mammals 3rd edn. Manson Publishing / The Veterinary Press, London, UK.</p>
Optional literature	<p>Fowler, M. E., R. E. Miller (1999): ZOO & Wild Animal Medicine, Current Therapy 4. W. B. Saunders Company, Philadelphia, USA.</p> <p>Gibbs, E. P. J., B. H. Bokma (Eds) (2002): The Domestic Animal/Wildlife Interface. Issues for disease control, conservation, sustainable foodproduction, and emerging diseases. The New York Academy of Sciences, New York, USA.</p> <p>Stocker, L. (2000): Practical Wildlife Care. Blackwell Publishing, Oxford, UK.</p> <p>Woodford, M. H., D. F. Keet, R. G. Bengis (2000): Post-mortem procedures for wildlife veterinarians and field biologists. OIE, Pariz, Francuska</p> <p>Woodford, M. H. (Ed) (2001): Quarantine and health screening protocols for wildlife prior to translocation and release in to the wild. OIE, Pariz, Francuska</p>

OBJECTIVES AND LEARNING OUTCOMES

Course objectives	The goal of this subject is to teach basic principles of wildlife diseases, including surveillance, diagnostic procedures, pathogenesis, clinical presentation, epidemiology, pathology, prevention and potential treatment. Emphasis will be given on critical awareness of current problems in wildlife diseases through case based examples, as well as examples previously reported in scientific literature. During the lectures we will outline interaction between different types of pathogens and hosts, the potential impact of diseases on the population level, especially on endangered populations, and impact of human activities on the spread of wildlife disease. This subject is complementary to previous subjects on domestic animal infectious diseases, so knowledge gained during these courses is prerequisite for understanding this course.
Learning outcomes	<ul style="list-style-type: none">- Surveillance of wildlife diseases- Prevention of wildlife diseases- Diagnostic methodologies- Therapeutic measures used in wildlife- Assessment of the impact of diseases on game management and endangered species

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:



Head of Department/Clinic:



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