

2022-2023

STATE VETERINARY MEDICINE

UNIVERSITY OF ZAGREB
FACULTY OF VETERINARY MEDICINE
Heinzelova 55
Tel. 01/2390-125
Division: Clinic
Unit: Forensic and State Veterinary Medicine
Email: sudska@vef.
File no: 61-24-22-36
Zagreb, 27/2/2023/



159656	REPUBLIKA HRVATSKA		
Veterinarski fakultet u Zagrebu			
Primljeno:	08.02.2023		
Klasifikacijska oznaka	Org. jed.		
605-03/22-04/35	251-61-32;		
Uruđbeni broj	Prilozi	Vrijednos	
251-61-24-23-58	0	-	

COURSE SYLLABUS

Course name: State Veterinary Medicine

Academic year 2022-2023.

Course leader:

Course leader: Full Prof Krešimir Severin

Teaching assistant: Magdalena Palić, DVM

First day of classes: 08/03/2023/

Last day of classes: 09/05/2023/

Timetable for LECTURES academic year 2022-2023

LECTURES				
Date	Methodological unit	Teacher	Location / time	Literature
Wednesday 08/03/2023	Introduction to the state veterinary medicine. Main fields of veterinary activities: animal health protection measures, implementation of veterinary public health measures, improvement of animal reproduction, veterinary protection of the environment, control of zoonosis and prevention of the occurrence of listed diseases. Terminology used in veterinary medicine i.e. veterinary activities.	Full Prof Krešimir Severin	10am-12am LECTURE 1 Lecture hall of Forensic and State Veterinary Medicine	
Thursday 09/03/2023	The legal order - European Union (EU), EU treaties, Fundamental values of the European Union, The institutions of the EU; The legal order of the European Union, The legal sources of Union law (Regulations, Directives, Decisions), The legislative process in the EU; The World Organisation for Animal Health (OIE)	Full Prof Krešimir Severin	10am-12am LECTURE 2 Lecture hall of Forensic and State Veterinary Medicine	
Monday 13/3/2023	Current Union legislation on Animal Health; Listed diseases; Animal keepers and Operators, Veterinarians, Competent Authority; Official	Full Prof Krešimir Severin	14pm-4pm LECTURE 3 Lecture hall of Forensic and State Veterinary Medicine	

	laboratories; Disease notification and Reporting system; Surveillance			
Thursday 16/3/2023	Eradication programmes Category B and C diseases; Suspicion of certain diseases; Official confirmation of certain diseases; General criteria for the granting of disease-free status	Full Prof Krešimir Severin	8am-10am LECTURE 4 Lecture hall of Forensic and State Veterinary Medicine	
Tuesday 21/3/2023	Disease control measures for category A diseases; Contingency plans and simulation exercises; Use of veterinary medicinal products for disease prevention and control; Disease control measures in the event of suspicion; Disease control measures in the event of official confirmation of an outbreak	Full Prof Krešimir Severin	11am-1pm LECTURE 5 Lecture hall of Forensic and State Veterinary Medicine	
Tuesday 28/3/2023	Administrative Procedure; Administrative and inspectional supervision; Veterinary inspector and border veterinary inspector; Authorised veterinarian	Full Prof Krešimir Severin	12am-2pm LECTURE 6 Lecture hall of Forensic and State Veterinary Medicine	
Monday 03/04/2023	Animal protection; Fundamental provisions on animal protection; Prohibited conduct for the purpose of animal protection; Performing procedures on animals; Protection of animals at the	Full Prof Krešimir Severin	10am-12am LECTURE 7 Lecture hall of Forensic and State Veterinary Medicine	

	time of killing			
Wednesday 12/4/2023	Veterinary activities implementation system; Establishment and removal from the register; Veterinary surgery and veterinary station; Authorised veterinary organisations; Control bodies; Veterinary practice; Veterinary hospital and veterinary clinic; Veterinary pharmacy; Croatian Veterinary Institute; Reporting on veterinary activities; Veterinary staff; Croatian veterinary chamber; Expenditure in the veterinary field	Full Prof Krešimir Severin	12am-1pm LECTURE 8 Lecture hall of Forensic and State Veterinary Medicine	

Timetable for SEMINARS academic year 2022-2023

SEMINARS					
Date	Methodological unit	Teacher	Group	Location / time	Literature
Wednesday 15/3/2023	Identification and non-commercial movement of dogs, cats and ferrets	teaching assistant Magdalena Palić, DVM	Seminar 1	14pm-4pm Lecture hall of Forensic and State Veterinary Medicine	
Thursday 16/3/2023	Identification and registration of bovine animals; Identification and registration of pigs (ear tags, animal passports, holding registers) – student presentations	teaching assistant Magdalena Palić, DVM	Seminar 2	10am-12am Lecture hall of Forensic and State Veterinary Medicine	
Monday 20/3/2023	Identification and registration of ovine and caprine animals; Identification and registration of equidae (ear tags, animal passports, holding registers) student presentations	teaching assistant Magdalena Palić, DVM	Seminar 3	9am-11am Lecture hall of Forensic and State Veterinary Medicine	
Thursday 23/3/2023	CITES (The Convention on International Trade in Endangered Species of Wild Fauna and Flora)-international trade of protected animal species	teaching assistant Magdalena Palić, DVM	Seminar 4	9am-11am Lecture hall of Forensic and State Veterinary Medicine	
Monday 27/3/2023	Movement of consignments within the European union; General requirements for movements; Supplementary animal health requirements	Full Prof Krešimir Severin	Seminar 5	9am-11am Lecture hall of Forensic and State Veterinary Medicine	
Thursday 30/3/2023	Introduction of consignments from third countries; Border inspection post; Veterinary checks upon introduction;	Full Prof Krešimir Severin	Seminar 6	9am-11am Lecture hall of Forensic and State Veterinary Medicine	

	Refusing the introduction of a consignment; Controls on personal consignments; TRACES - Trade Control and Expert System				
Tuesday 04/04/2023	Registration of establishments and certain types of operators; Record-keeping obligations Traceability requirements; Movement of consignments within the Republic of Croatia Certificate of health condition and place of origin of the animal Veterinary check of holdings, Veterinary checks of consignments	Full Prof Krešimir Severin	Seminar 7	10am-12am Lecture hall of Forensic and State Veterinary Medicine	
Tuesday 11/4/2023	Disease control measures for category A diseases – student presentations	Full Prof Krešimir Severin	Seminar 8	11am-11pm Lecture hall of Forensic and State Veterinary Medicine	
Thursday 13/4/2023	Eradication programmes Category B and C diseases – student presentations	Full Prof Krešimir Severin	Seminar 9	11am-1pm Lecture hall of Forensic and State Veterinary Medicine	
Monday 17/4/2023	Protection of wild animals; Protection of pet animals; Protection of animals in zoos; Protection of abandoned and lost animal (shelters-establishment, activities, animals in shelters)	teaching assistant Magdalena Palić, DVM	Seminar 10	14pm-4pm Lecture hall of Forensic and State Veterinary Medicine	
Wednesday 19/4/2023	Animal protection during keeping and breeding	Full Prof Krešimir Severin	Seminar 11	10am-12am Lecture hall of Forensic and State Veterinary Medicine	

Tuesday 25/4/2023	Animal welfare on the farm – student presentations	Full Prof Krešimir Severin	Seminar 12	10am-12am Lecture hall of Forensic and State Veterinary Medicine	
Wednesday 03/05/2023	Animal welfare during transport; Slaughter and stunning– student presentations	teaching assistant Magdalena Palić, DVM	Seminar 13	12am-2pm Lecture hall of Forensic and State Veterinary Medicine	
Thursday 04/05/2023	Animals used for scientific purposes; Authorisations of breeders, suppliers or users; Laboratory animals; Conditions for working with experimental animals; Experiment – Project	Full Prof Krešimir Severin	Seminar 14	14pm-4am Lecture hall of Forensic and State Veterinary Medicine	
Tuesday 09/05/2023	Veterinary medicinal products (testing of VMPs, placing of VMPs on the market, pharmacovigilance); Medicated feed; Residues of veterinary medicinal products	teaching assistant Magdalena Palić, DVM	Seminar 15	12am-2pm Lecture hall of Forensic and State Veterinary Medicine	

STUDENT OBLIGATIONS

Lecture attendance	Attending lectures	3	6
	6% of grade	15 lectures hours: one lecture hour is multiplied with 0.4, and a student must attend minimal 8 lecture hours	
Seminars attendance	Attending seminars	8	12
	12% of grade	30 seminar hours – one seminar hour is multiplied with 0.4, and a student must attend minimal 20 seminar hours	
Practicals attendance			
Active participation in seminars and practicals	Participation at seminars	5	10
	10% of grade	Each student is obliged to prepare and present seminar work (Animal health protection measures of one disease) which will be assessed	
	Continuous knowledge checking	20	32
	32% of grade	- first preliminary exam 10-16 points (16 question, each question is worth 1 point) - second preliminary exam 10-16 points (16 questions each question is worth 1 point)	
Final exam	Final exam	24	40
	40% of grade	In order to take the final exam a student must gain minimal 36 points from attending and participation at lectures and seminars and from continuous knowledge checking. Written exam form 24 to 40 points A student gets 8 questions – each correct answer is worth 5 points.	
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 45: 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)	17/4/2023., 8/5/2023, 16/5/2023
Final exams (dates)	25/4/2023, 25/5/2023, 28/6/2023, 11/7/2023, 4/9/2023, 19/9/2023
Form of final exam	Written exam

LITERATURE

Obligatory literature	<p>The ABC of EU law - December 2016 edition, Directorate-General for Communication (European Commission), Borchardt, Klaus-Dieter</p> <p>General Administrative Procedure Act, Official Gazette No. 47/09</p> <p>Veterinary Act, Official Gazette No. 41/07, 155/08, 55/11</p> <p>Animal Protection Act, Official Gazette No. 102/17</p> <p>Act on Veterinary Medicinal Products, Official Gazette No. 84/08, 56/13, 15/15, 32/19</p> <p>Animal health and Movement</p> <p>Regulation (EU) 2016/429 of the European Parliament and of the Council of 9 March 2016 on transmissible animal diseases and amending and repealing certain acts in the area of animal health ('Animal Health Law')</p> <p>COMMISSION IMPLEMENTING REGULATION (EU) 2018/1882 of 3 December 2018 on the application of certain disease prevention and control rules to categories of listed diseases and establishing a list of species and groups of species posing a considerable risk for the spread of those listed diseases</p> <p>COMMISSION DELEGATED REGULATION (EU) 2020/689 of 17 December 2019 supplementing Regulation (EU) 2016/429 of the European Parliament and of the Council as regards rules for surveillance, eradication programmes, and disease-free status for certain listed and emerging diseases</p> <p>COMMISSION IMPLEMENTING REGULATION (EU) 2020/690 of 17 December 2019 laying down rules for the application of Regulation (EU) 2016/429 of the European Parliament and of the Council as regards the listed diseases subject to Union surveillance programmes, the geographical scope of such programmes and the listed diseases for which the disease-free status of compartments may be established</p> <p>COMMISSION DELEGATED REGULATION (EU) 2020/687 of 17 December 2019 supplementing Regulation (EU) 2016/429 of the European Parliament and the Council, as regards rules for the prevention and control of certain listed disease</p> <p>COMMISSION DELEGATED REGULATION (EU) 2019/2035 of 28 June 2019 supplementing Regulation (EU) 2016/429 of the European Parliament and of the Council as regards rules for establishments keeping terrestrial</p>
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animals and hatcheries, and the traceability of certain kept terrestrial animals and hatching eggs
 COMMISSION DELEGATED REGULATION (EU) 2020/688 of 17 December 2019 supplementing Regulation (EU) 2016/429 of the European Parliament and of the Council, as regards animal health requirements for movements within the Union of terrestrial animals and hatching eggs
 COMMISSION DELEGATED REGULATION (EU) 2020/686 of 17 December 2019 supplementing Regulation (EU) 2016/429 of the European Parliament and of the Council as regards the approval of germinal product establishments and the traceability and animal health requirements for movements within the Union of germinal products of certain kept terrestrial animals
 COMMISSION DELEGATED REGULATION (EU) 2020/692 of 30 January 2020 supplementing Regulation (EU) 2016/429 of the European Parliament and of the Council as regards rules for entry into the Union, and the movement and handling after entry of consignments of certain animals, germinal products and products of animal origin

Ordinance on the compulsory identification and registration of bovine animals, OFFICIAL GAZETTE NO. 108/13
 Ordinance on the implementation of obligatory identification and registration of bovine animals, OFFICIAL GAZETTE NO. 108/13
 Ordinance on the compulsory identification and registration of ovine and caprine animals, OFFICIAL GAZETTE NO. 111/07, 135/08, 154/08, 81/11
 Ordinance on the implementation of obligatory identification and registration of ovine and caprine animals, OFFICIAL GAZETTE NO. 111/07, 128/08, 154/08, 9/10, 110/10
 Ordinance on the compulsory identification and registration of pigs, OFFICIAL GAZETTE NO. 148/09, OFFICIAL GAZETTE NO. 12/11
 Ordinance on identification and registration of equidae, OFFICIAL GAZETTE NO. 123/09
 (CELEX 32008R0504) Commission Regulation (EC) No 504/2008 of 6 June 2008 implementing Council Directives 90/426/EEC and 90/427/EEC as regards methods for the identification of equidae Text with EEA relevance
 Ordinance on identification of dogs, OFFICIAL GAZETTE NO. 72/10
 Ordinance on the model passport for pet animals, OFFICIAL GAZETTE NO. 142/08
 (CELEX 32003D0803) 2003/803/EZ: 2003/803/EC: Commission Decision of 26 November 2003 establishing a model passport for the intra-Community movements of dogs, cats and ferrets (Text with EEA relevance.) (notified under document number C(2003) 4359)

Ordinance concerning the collection of information during the inspections of production sites on which animals are kept for farming purposes, OFFICIAL GAZETTE NO. 055/13
 Ordinance concerning the collection of information during the inspections of production sites on which animals are kept for farming purposes, OFFICIAL GAZETTE NO. 055/13
 (CELEX 32006D0778) 2006/778/EC: Commission Decision of 14 November 2006 concerning minimum requirements for the collection of information during the inspections of production sites on which certain animals are

	<p>kept for farming purposes (notified under document number C(2006) 5384) (Text with EEA relevance)</p> <p>Ordinance on the protection of animals kept for farming purposes, OFFICIAL GAZETTE NO. 044/10 (CELEX 31998L0058) Council Directive 98/58/EC of 20 July 1998 concerning the protection of animals kept for farming purposes</p> <p>Ordinance laying down the conditions to be met by farms and the requirements for the protection of animals on farms, OFFICIAL GAZETTE NO. 136/05</p> <p>Ordinance laying down minimum standards for the protection of pigs, OFFICIAL GAZETTE NO. 119/10 (CELEX 32008L0120) Council Directive 2008/120/EC of 18 December 2008 laying down minimum standards for the protection of pigs (Codified version)</p> <p>Ordinance laying down minimum standards for the protection of calves, OFFICIAL GAZETTE NO. 110/10 (CELEX 32008L0119) Council Directive 2008/119/EC of 18 December 2008 laying down minimum standards for the protection of calves (Codified version)</p> <p>Ordinance laying down minimum standards for the protection of laying hens, OFFICIAL GAZETTE NO. 77/10, 99/10, 51/11 (CELEX 31999L0074) Council Directive 1999/74/EC of 19 July 1999 laying down minimum standards for the protection of laying hens</p> <p>Ordinance laying down minimum rules for the protection of chickens kept for meat production, OFFICIAL GAZETTE NO. 79/08. (CELEX 32007L0043) Council Directive 2007/43/EC of 28 June 2007 laying down minimum rules for the protection of chickens kept for meat production (Text with EEA relevance)</p> <p>Ordinance on the conditions to be met by assembly centres, markets, transporters of animals and traders of animals, OFFICIAL GAZETTE NO. 098/08</p> <p>Ordinance on the protection of animals at the time of slaughter or killing, OFFICIAL GAZETTE NO. 039/08 (CELEX 31993L0119) Council Directive 93/119/EC of 22 December 1993 on the protection of animals at the time of slaughter or killing</p> <p>Ordinance on dangerous dogs, OFFICIAL GAZETTE NO. 117/08</p> <p>Ordinance on the requirements for the breeding of companion animals OFFICIAL GAZETTE NO. 056/09</p> <p>Ordinance on the protection of animals used for scientific purposes, OFFICIAL GAZETTE NO. 047/11 (CELEX 32010L0063) Directive 2010/63/EU of the European Parliament and of the Council of 22 September 2010 on the protection of animals used for scientific purposes Text with EEA relevance</p>
Optional literature	

OBJECTIVES AND LEARNING OUTCOMES

Course objectives	<p>The aim of the course is to get students acquainted with importance of veterinary activities through legal acts of the Republic of Croatia related to the area of animal health protection, implementation of veterinary public health measures, improvement of animal reproduction, veterinary protection of the environment, procedure for testing and placing on the market of veterinary medicinal products and inspection supervision in the veterinary field. Also, to students will be introduced the responsibilities, obligations and duties of natural and legal persons in relation to the protection of animals, including the protection of their life, health and welfare, the manner of handling animals, animal protection requirements (the keeping and raising of animals, when transporting them, using them in experiments, at the time of slaughter or humane killing). After completing this course students will be able to correctly interpreted, used, and finally implemented law and sub-law regulations in the area of veterinary activity.</p>
Learning outcomes	<p>Ability to interpret, use, and implement of formal and material legislation of General Administrative Procedure Act, Veterinary Act, Livestock Act, Act on Veterinary Medicinal Products, Food Act, Animal protection Act and subordinate regulations / legislation based on above mentioned</p> <p>Ability to conduct the following veterinary activities:</p> <ul style="list-style-type: none"> • veterinary checks and controls on husbandries, farms, livestock markets, animal gathering and other facilities • issuing of animal health certificates, certificates for consignments of products of animal origin and feed, • enforce compulsory identification of animals and keep the stipulated records on the identification and registration of movement animals, • implement the stipulated measures for the detection, prevention, combating and control infectious or parasitic diseases, • take diagnostic material of animals, samples of products of animal origin and animal waste matter for the purpose of examining the health of animals <p>Knowledge how to make a record and issue decisions in an administrative procedure related to veterinary activities</p>

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:



Head of Department/Clinic:



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