

<b>General information</b>	
Academic subject	<b>PROPHYLAXIS OF INFECTIOUS DISEASES OF LIVESTOCK ANIMALS</b> (integrated exam of PROPHYLAXIS OF INFECTIOUS AND PARASITIC DISEASES OF LIVESTOCK ANIMALS)
Degree course	Animal Science
Academic Year	2022/2023 – III year
European Credit Transfer and Accumulation System (ECTS)	2+1
Language	Italian
Academic calendar (starting and ending date)	II Semester
Attendance	mandatory

<b>Professor/ Lecturer</b>	
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Virtual headquarters	Microsoft Teams
Tutoring (time and day)	Mon-Wed-Frid 11-12 a.m. ; Tues-Thur 3-4 p.m.

<b>Syllabus</b>	
<b>Learning Objectives</b>	The student must acquire the notions related to the main infectious diseases of livestock animals and the systems provided for adequate prophylaxis, as well as they must be able to read and understand the main national and community regulations issued.
<b>Course prerequisites</b>	Biosecurity and health management. Microbiology and Imm. Parasitology, mycology and management of synanthropic animals
<b>Contents</b>	Overview of Constitutional Law. National and Community legislation. Veterinary Police Regulations, and related applications of prophylaxis measures for the eradication and the control of infectious diseases of livestock animals with particular reference to zoonoses. Cleaning, disinfection and rodents control. Identification of feedlots and animals. Competences of area A of the Veterinary Service. Reg. UE 2016/429 and subsequent additions and modifications. Prophylaxis for IBR and BVD. National plans for the eradication of diseases subjected to mandatory prophylaxis. Prophylaxis for equine infectious anemia and West Nile disease. Prophylaxis Swine pests. Prophylaxis for Aujeszky's disease. Possible and feasible vaccinations.
<b>Books and bibliography</b>	Pietro Benazzi: Il Regolamento di Polizia veterinaria - Esculapio editore. National and community laws from GG.UU.
<b>Additional materials</b>	Notes from the lessons

<b>Work schedule</b>			
Total	Lectures	Hands on (Laboratory, working groups, seminars, field trips)	Out-of-class study hours/ Self-study hours

Hours			
75	20	25	30
ECTS			
3	2	1	
Teaching strategy			
Expected learning outcomes			
<b>Knowledge and understanding on:</b>	Acquisition of knowledge relating to the purposes of the educational course and being ready to enter the world of work in the field of animal health		
<b>Applying knowledge and understanding on:</b>	Graduates must be able to apply their knowledge and understanding to demonstrate a professional approach to job, and must possess adequate skills both to understand and support arguments and to solve problems in their field of study.		
<b>Soft skills</b>	<p>Knowledge of the main infectious diseases of farm animals with the ability to diagnose them.</p> <p>Knowledge of the feasible methods for the prevention of infectious diseases in farm animals, also considering the characteristics of the environment</p> <p>Knowing how to communicate information, ideas, problems and solutions a interlocutors.</p> <p>Autonomous ability to express one's own opinions.</p>		

Assessment and feedback	
Methods of assessment	<p>The assessment of knowledge will take place through a written test, based on multiple choice and / or open-ended questions. The goal is to ascertain the learning of the subject and the mastery of scientific terminology.</p> <p>The student will have the right to opt for an oral interview. The written or oral test will contribute to the definition of the Prophylaxis exam for infectious and parasitic diseases of livestock</p>
Evaluation criteria	<ul style="list-style-type: none"> <li>• <i>Knowledge and understanding</i> To know the main infectious diseases of farm animals and the feasible methods for the prevention of infectious diseases in farm animals</li> <li>• <i>Applying knowledge and understanding</i> Apply feasible methods for the prevention of infectious diseases in farm animals, also considering the characteristics of the environment</li> <li>• <i>Autonomy of judgment</i> Be able to express own opinion autonomously</li> <li>• <i>Communicating knowledge and understanding</i> Be able to clearly explain the main topics discussed during the course</li> <li>• <i>Communication skills</i> Be able to discuss about infectious disease and zoonosis and methods of prevention of infectious diseases</li> <li>• <i>Capacities to continue learning</i> <ul style="list-style-type: none"> <li>○ Improve knowledge through advanced courses</li> </ul> </li> </ul>
Criteria for assessment and attribution of the final mark	<p>The criteria for the assessment of the achieved learning and attribution of the final mark is carried out by means of a written examination consisting of multiple-choice questions and a supplementary open-ended part, with the aim of ascertaining the degree of knowledge on the proposed topics. The final mark is expressed in thirtieths. The minimal final mark to pass the exam is 18/30. The highest marks will</p>



	be awarded to the students able to use the correct scientific terminology and with good explanation skills.
<b>Additional information</b>	