

ACADEMIC YEAR 2023/2024

General information	
Academic subject	PROPHYLAXIS OF INFECTIOUS DISEASES OF LIVESTOCK ANIMALS
Degree course	Animal Sciences L38
Academic Year	III year
European Credit Transfer and Accumulation System (ECTS)	3
Language	Italian
Academic calendar (starting and ending date)	II semester: 26/02/2024 - 14/06/2024
Attendance	Mandatory

Professor/ Lecturer	
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Department and address	Campus of Veterinary Medicine, S.P. 62 to Casamassima km 3, 70010 Valenzano (Ba)
Virtual headquarters	Microsoft Teams platform if necessary
Tutoring (time and day)	Monday, Wednesday, Friday: 11:00 – 12:00. Tuesday, Thursday: 15:00 – 16:00

Syllabus	
Learning Objectives	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.
Course prerequisites	Biosecurity and health management. Parasitology, mycology and management of synanthropic animals
Contents	Overview of Constitutional Law. National and Community legislation. Reg. UE 2016/429. Reg.UE 629/2020. Reg.UE 689/2020.D.Lgs. 136/2022. Prophylaxis for the eradication and control of infectious diseases of farm animals with particular reference to zoonoses. Cleaning, disinfection and rat extermination operations. Identification of farms and animals. Prophylaxis in bovine species: IBR and BVD. National plans for the eradication of diseases subject to compulsory prophylaxis. Prophylaxis of infectious equine and West Nile anemia. Prophylaxis of swine fever. Prophylaxis of Aujeszky's disease. Possible and feasible vaccinations.
Books and bibliography	Pietro Benazzi: Animal Health Law. Il nuovo «Regolamento di Polizia Veterinaria». Esculapio editore. National and community laws from GG.UU. Notes from the lessons
Additional materials	

Work schedule			
Total	Lectures	Hands on (Laboratory, working groups, seminars, field trips)	Out-of-class study hours/ Self-study hours
Hours			
75	16	10	49
ECTS			
3	2	1	

Teaching strategy	The theoretical part of the course will be carried out in classrooms equipped with multimedia tools (pc, projector, internet connection) with the aid of power-point presentations and video projections. The exercises will take place in the computer room, in the laboratories of the infectious diseases section and above all in the field. Students will be divided into groups of 5 people and suitably supervised by owner and collaborators.
Expected learning outcomes	
Knowledge and understanding on:	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
Applying knowledge and understanding on:	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.
Soft skills	Knowledge of the main infectious diseases of farm animals with the ability to diagnose them. Knowledge of the feasible methods for the prevention of infectious diseases in farm animals, also considering the characteristics of the environment Knowing how to communicate information, ideas, problems and solutions. Autonomous ability to express one's own opinions.

Assessment and feedback	
Methods of assessment	Acquisition of knowledge relating to the aims of the teaching course to be ready to enter the world of work in the field of animal health
Evaluation criteria	<ul style="list-style-type: none"> • <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 • <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 • <i>Autonomy of judgment</i> Be able to express own opinion autonomously • <i>Communicating knowledge and understanding</i> Be able to clearly explain the main topics discussed during the course • <i>Communication skills</i> Be able to discuss about infectious disease and zoonosis and methods of prevention of infectious diseases • <i>Capacities to continue learning</i> Improve knowledge through advanced courses
Criteria for assessment and attribution of the final mark	The assessment of the knowledge will take place through oral exam. The objective is to ascertain the subject's learning and mastery of scientific terminology. The evaluation will contribute to the definition of the exam "Prophylaxis of infectious and parasitic diseases of productive animals"
Additional information	