

SUBJECT	Infectious Diseases, Prophylaxis and Police Employed in Veterinary Health and Hygiene Surveillance			
CFU	5			
Ore	60			
Description	Lectures, discussion activities and active learning			
Overall objectives	<p>At the end of the course, students are able to interpret the role of international and national institutions in safeguarding animal and human welfare and health. They are also able to define the sequence and hierarchy of actions aimed at implementing health plans in ordinary or emergency situations.</p> <p>With regard to epidemic diseases, students are able to evaluate the most appropriate preventive measures to avoid the emergence of outbreaks on a farm or in an area. Concerning endemic diseases, students are able to identify and discuss the most appropriate control and prophylactic measures to limit their economic impact. Individual tasks are aimed at strengthening communication skills and developing critical thinking. In particular, topics such as global health challenges, the unique health and task of the veterinarian, health emergencies at the human/animal/appliance interface, climate change and health, urbanization and health will be addressed. The assignments will be carried out with a participatory approach in class, in written form or presentations.</p>			
TEMATICA		LECTURE		
	Objectives	hours		Duration
Introduction	Students are familiar with the organisation of teaching, testing and topics to be studied.	1	Organisation of the lessons and methods of assessment. Introduction to the programme topics. Use of the resources.	1
International and National Animal Health Governance	Students understand the organisation and role of national and international institutions dealing with animal health.	5	The One Health approach to international health policies	3
			Nationa governance of Animal health and national Plan for emergencies	2
			Changing disease landscape video (assignment 1)	
Highly contagious diseases AHL category A	Students are familiar with: (a) the aetiopathogenesis, symptomatology and diagnosis; b) They understand epidemiology and discuss the principles of biosafety; c) know national and European legislation d) they define and justify the action to be taken in the event of an outbreak	15	Foot and mouth disease	5
			Vescicular disease	1
			Classical Swine Fever	4
			African swinve fever	4
			DOMESTIC WILDLIFE CONFLICT (assignment 2)	
Endemic diseases	Students are familiar with: (a) the aetiopathogenesis, symptomatology and diagnosis; b) They understand epidemiology and discuss methods of prophylaxis and control; c) They are familiar with national and European legislation; d) Define and justify actions to limit economic impact.	8	Ruminant Pestiviruses	2
			Blue Tongue	4
			mastitis	2
Emerging Infections	Students are familiar with: (a) the aetiopathogenesis, symptomatology and diagnosis; b) They understand epidemiology and determinants of emergence; c) know national and European legislation and principles of biosafety d) They define and justify the action to be taken in the event of an emerging disease outbreak.	7	Rift Valley Fever	3
			Lumpy skin disease Sheep and goatpox	2
			PPR	2
Zoonoses	Students are familiar with : a) the aetiopathogenesis, symptomatology and diagnosis of diseases transmissible to man (zoonoses) b) understand epidemiology and discuss methods of prophylaxis and control. b) know national and European rules c) define and justify actions to be taken in the event of a zoonosis outbreak	15	Rabies	4
			Zoonotic poxviruses	2
			Brucellosis	4
			Tuberculosis	4
			Anthrax	1
Practicals and seminars	The students have the opportunity to put their acquired knowledge into practice to carry out an import risk assessment exercise and presentation (+individual written assignment 3) and will attend a seminar by experts for an in-depth discussion of selected topics			2 + 6

