

**Subject: SEMEIOTICS AND LARGE ANIMALS INTERNAL MEDICINE
(3 CFU; 36 hours)**

Educational objectives of the course: at the end of the course the student acquires the ability to interpret a semiological examination in farm animals and learns about the main diseases of cattle. In particular, the most common pathologies of the digestive, respiratory, cardiocirculatory, cutaneous, nervous and uropoietic systems will be addressed in the teaching module.

FRONTAL LECTURES

Acquired skills	Topics	Specific contents	Hours
	Introductory lecture	Lesson that aims to explain the course development methods, the contents, the methods for final assesment.	1
1. SEMIOLOGY AND DISEASES OF THE DIGESTIVE TRACT <i>Acquisition of:</i> a) <i>ability to correctly interpret the clinical signs related to pathologies of the digestive system</i> b) <i>knowledge of the main medical conditions affecting the organs of the digestive system</i>	Semiology	Main clinical findings	1
	Diseases	Diseases of the first tract	1
		Diseases of the forestomaches	6
		Abomasal diseases	2
		Intestinal diseases	1
2. SEMIOLOGY AND DISEASES OF THE RESPIRATORY TRACT <i>Acquisition of:</i> a) <i>ability to correctly interpret the clinical signs related to pathologies of the respiratory system</i> b) <i>knowledge of the main medical conditions affecting the organs of the respiratory system</i>	Semiology	Clinical findings in respiratory diseases	1
	Diseases	Diseases of the first tract	1
		Lung diseases	5
3. SEMIOLOGY AND DISEASES OF THE CARDIOCIRCULATORY APPARATUS <i>Acquisition of:</i> a) <i>ability to correctly interpret the clinical signs related to pathologies of the cardiocirculatory system</i> b) <i>knowledge of the main medical conditions affecting the organs of the cardiocirculatory system</i>	Semiology	Main clinical findings	1
	Diseases	Cardiac diseases	2

4. SEMIOLOGY AND DISEASES OF THE NERVOUS SYSTEM Acquisition of: <i>a) ability to correctly interpret the clinical signs related to pathologies of the nervous system</i> <i>b) knowledge of the main medical conditions affecting the organs of the nervous system</i>	Semiology	Main clinical findings	1
	Diseases	Neuromuscular diseases	1
		Diseases of the nervous system	3
5. SEMIOLOGY AND DISEASES OF THE TEGUMENTARY SYSTEM Acquisition of: <i>a) ability to correctly interpret the clinical signs related to pathologies of the tegumentary system</i> <i>b) knowledge of the main medical conditions affecting the organs of the tegumentary system</i>	Semiology	Main clinical findings	1
	Diseases	Diseases of the skin	1
6. SEMIOLOGY AND DISEASES OF THE URINARY SYSTEM Acquisition of: <i>a) ability to correctly interpret the clinical signs related to pathologies of the urinary system</i> <i>b) knowledge of the main medical conditions affecting the organs of the urinary system</i>	Semiology	Main clinical findings	1
	Diseases	Kindney and bladder diseases	1
7. SEMIOLOGY AND DISEASES OF THE METABOLIC DISEASES Acquisition of: <i>a) ability to correctly interpret the clinical signs related to the metabolic diseases</i> <i>b) knowledge of the main medical metabolic diseases</i>	Semiology and diseases	Ketosis	1
		Acidosis	2
		Fatty cow syndrome	2

PRACTICALS

in order to optimize the student's direct relationship with the animals used in the exercise, the class is divided into 4 groups that carry out the same exercise

Tem e competenze acquisite	Argomenti	Contenuti specifici	Ore
Acquisition of: a) ability to perform and record a clinical examination b) ability to identify pathological symptoms	Presentation of patients affected by gastrointestinal disease	The practical exercise, carried out in small groups with tutors, aims to show students the specific pathologies.	2
	Presentation of patients affected by gastrointestinal disease	The practical exercise, carried out in small groups with tutors, aims to show students the specific pathologies.	2
	Presentation of patients affected by respiratory disease	The practical exercise, carried out in small groups with tutors, aims to show students the specific pathologies.	2
	Presentation of patients affected by respiratory disease	The practical exercise, carried out in small groups with tutors, aims to show students the specific pathologies.	2
	Presentation of patients affected by cardiac disease	The practical exercise, carried out in small groups with tutors, aims to show students the specific pathologies.	2
	Presentation of patients affected by urinary disease	The practical exercise, carried out in small groups with tutors, aims to show students the specific pathologies.	2