

**Subject: LARGE ANIMAL INTERNAL MEDICINE (CLINICS) AND THERAPY  
(3 CFU; 36 hours: 24 hours frontal lectures and 12 hours [x4] practicals)**

**Educational objectives of the course:** at the end of the course the student acquires the ability to perform and interpret a semiological examination in livestock and to manage the sick patient. This in reference to the main diseases of medical field, above all of the bovine. In particular, the teaching module will address the most common pathologies of the digestive, respiratory, cardiovascular, cutaneous, nervous, uropoietic systems.

### Frontal Lectures

Acquired skills	Topics	Specific contents	Hours
	<b>Introductory lecture</b>	Lesson that aims to explain the course development methods, the contents, the methods for final assesment.	1
<b>1. CLINICS AND THERAPY OF THE DIGESTIVE SYSTEM</b>  <b>Acquisition of capacity of::</b> <ul style="list-style-type: none"> <li>examining an animal,</li> <li>setting a diagnosis</li> <li>starting a therapy</li> </ul>	Diseases and treatment of the digestive tract	Digestive upper tract diseases	1
		Ruminal diseases	2
		Abomasal diseases	1
		Intestinal diseases	1
		Therapeutical approach	1
<b>2. CLINICS AND THERAPY OF THE RESPIRATORY SYSYTEM</b>  <b>Acquisition of capacity of::</b> <ul style="list-style-type: none"> <li>examining an animal,</li> <li>setting a diagnosis</li> <li>starting a therapy</li> </ul>	Diseases and treatment of the respiratory tract	Respiratory ypper tract diseases	1
		Lung diseases	2
		Therapeutical approach	1
<b>3. CLINICS AND THERAPY OF THE CARDIO.CIRCULATORY SYSTEM</b>  <b>Acquisition of capacity of::</b> <ul style="list-style-type: none"> <li>examining an animal,</li> <li>setting a diagnosis</li> <li>starting a therapy</li> </ul>	Diseases and treatment of the cardio-circulatory system	Hearth diseases	2
		Therapeutical approach	1
<b>4. CLINICS AND THERAPY OF THE NERVOUS SYSTEM</b>  <b>Acquisition of capacity of::</b> <ul style="list-style-type: none"> <li>examining an animal,</li> <li>setting a diagnosis</li> <li>starting a therapy</li> </ul>	Diseases and treatment of the neurological diseases	Diseases of the central nervous system	1
		Diseases of the peripheral nervous system	1
		Therapeutical approach	1

<b>5. CLINICS AND THERAPY OF THE CUTANEOUS SYSTEM</b>  <b>Acquisition of capacity of::</b> <ul style="list-style-type: none"> <li>examining an animal,</li> <li>setting a diagnosis</li> <li>starting a therapy</li> </ul>	Diseases and treatment of the cutaneous diseases	Skin and subcutaneous diseases	1
		Therapeutical approach	1
<b>5. CLINICS AND THERAPY OF THE URINARY SYSTEM</b>  <b>Acquisition of capacity of::</b> <ul style="list-style-type: none"> <li>examining an animal,</li> <li>setting a diagnosis</li> <li>starting a therapy</li> </ul>	Diseases and treatment of the neurological diseases	Kindney diseases, pathology of the umbilical region	1
		Therapeutical approach	1
<b>6. CLINICS AND THERAPY OF THE METABOLIC DISEASES</b>  <b>Acquisition of capacity of::</b> <ul style="list-style-type: none"> <li>examining an animal,</li> <li>setting a diagnosis</li> <li>starting a therapy</li> </ul>	Diseases and treatment of the metabolic diseases	Ketosis	1
		Metabolic acidosis	1
		Fatty cow syndrome	1

## 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

Acquired skills	Topics	Specific contents	Hours
<b>Acquisition of ability to:</b> <ul style="list-style-type: none"> <li>carry out a clinical investigation and write a report</li> <li>evaluating the value of each findings</li> <li>defining a differntial diagnosis</li> <li>set a prognosis</li> </ul>	Presentation of a patient affected by gastroenteric disease	The practical exercise, carried out in small groups with tutors, aims to show students the specific pathologies, to make them perform a clinical examination and to make them issue a diagnostic, prognostic and therapeutic judgment.	2
	Presentation of a patient affected by ruminal	The practical exercise, carried out in small groups with tutors, aims to show students the specific pathologies, to make them perform a clinical examination and to make them issue a diagnostic, prognostic and therapeutic judgment.	2

<ul style="list-style-type: none"> <li>▪ <i>propose a therapy</i></li> </ul>	<p>Presentation of a patient affected by respiratory disease</p>	<p>The practical exercise, carried out in small groups with tutors, aims to show students the specific pathologies, to make them perform a clinical examination and to make them issue a diagnostic, prognostic and therapeutic judgment.</p>	<p>2</p>
	<p>Presentation of a patient affected by pneumonia</p>	<p>The practical exercise, carried out in small groups with tutors, aims to show students the specific pathologies, to make them perform a clinical examination and to make them issue a diagnostic, prognostic and therapeutic judgment.</p>	<p>2</p>
	<p>Presentation of a patient affected by cardiac disease</p>	<p>The practical exercise, carried out in small groups with tutors, aims to show students the specific pathologies, to make them perform a clinical examination and to make them issue a diagnostic, prognostic and therapeutic judgment.</p>	<p>2</p>
	<p>Presentation of a patient affected by urinary disease or navel disease</p>	<p>The practical exercise, carried out in small groups with tutors, aims to show students the specific pathologies, to make them perform a clinical examination and to make them issue a diagnostic, prognostic and therapeutic judgment.</p>	<p>2</p>