

General information	
Academic subject	THERAPY module of the integrated course CLINICAL MEDICINE
Degree course	VETERINARY MEDICINE
Academic Year	2021-2022
European Credit Transfer and Accumulation System (ECTS)	2
Language	ITALIAN
Academic calendar (starting and ending date)	3rd two months
Attendance	Mandatory

Professor/ Lecturer	
Name and Surname	Professor Mariateresa Sasanelli
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Department and address	Veterinary Medicine Campus – Valenzano (BA)
Virtual headquarters	a9297nx
Tutoring (time and day)	Thursday: 10-12 am; Tuesday: 3-5 pm

Syllabus	
Learning Objectives	The course aims to introduce the student to the knowledge of therapeutic protocols to be used in the most important medical diseases of animals, including dosages, routes of administration, therapeutic efficacy and side effects of the drugs used.
Course prerequisites	Parasitology. Infectious Diseases. Veterinary Pharmacology and Toxicology. Clinical Examination and Medical Pathology. The student must have acquired basic knowledge of anatomy, physiology, microbiology and general pathology.
Contents	Fluid therapy. Treatment of hypovolemic shock. Correction of electrolytic imbalances. Diuretic therapy. Anti-inflammatory treatment. Antiepileptic therapy. Treatment of the main cardiovascular, respiratory, gastro-enteric, and dermatological diseases. Treatment of urinary disorders. Antimicrobial, antifungal, and antiparasitic therapy. Treatment of vector-borne diseases. Treatment of neoplastic diseases. Management of endocrinopathies. Treatment of immunomediated diseases. CLINICAL SCIENCES IN COMPANION ANIMALS CLINICAL SCIENCES IN FOOD-PRODUCING ANIMALS
Books and bibliography	Didactic material provided by the teacher, bibliographic updating in computerized format
Additional materials	

Work schedule			
Total	Lectures	Hands on (Laboratory, working groups, seminars, field trips)	Out-of-class study hours/ Self-study hours
Hours			
50	13	25	12
ECTS			

2	1	1	
Teaching strategy			
		The lessons will focus on clinical cases referring to the Veterinary Teaching Hospital. During the course will be treated cases related to the most frequent diseases seen in clinical practice and will be discussed with the active participation of students that will follow the whole diagnostic and healthcare proceeding of the patient. Students will be encouraged to integrate and enhance their knowledge by means of appropriate teaching materials in order to pursue a continuous update on the treatment of animal diseases	
Expected learning outcomes			
Knowledge and understanding on:		The student must prove that he or she has acquired a correct methodological approach to setting up the most suitable treatment for the patient. The abilities will be acquired through clinical practice with interactive discussion between teacher and students.	
Applying knowledge and understanding on:		<ul style="list-style-type: none"> ○ The student will have to learn the correct methodology in the choice of therapeutic management of the patient's disease 	
Soft skills		<ul style="list-style-type: none"> • Making informed judgments and choices <ul style="list-style-type: none"> ○ The student at the end of the course should be able to formulate a therapeutic protocol appropriate to the patient to be used in the clinical practice of animals • Communicating knowledge and understanding <ul style="list-style-type: none"> ○ The knowledge acquired during the course will allow the student to achieve a technical terminology to use in the next veterinary professional career • Capacities to continue learning <ul style="list-style-type: none"> ○ The therapeutic protocols learned during the course coupled with the continuing education will be used in the professional field.. 	
Assessment and feedback			
Methods of assessment		The assessment of the achievement of the objectives of the course includes an itinere test where students, divided in groups, will discuss a clinical case and propose a therapeutic protocol, based on the literature, and an oral examination on topics related to the course program	
Evaluation criteria		<ul style="list-style-type: none"> • Knowledge and understanding <ul style="list-style-type: none"> ○ the knowledge of therapeutic protocols to be used in the most important medical diseases of animals, including dosages, routes of administration, therapeutic efficacy and side effects of the drugs used will be assessed • Applying knowledge and understanding <ul style="list-style-type: none"> ○ the ability to use therapies appropriate to the individual case of animals disease will be assessed, including dosages, routes of administration, therapeutic efficacy and side effects of the drugs used. • Autonomy of judgment <ul style="list-style-type: none"> ○ the ability to choose the appropriate protocol for the individual case of disease independently will be assessed • Communicating knowledge and understanding <ul style="list-style-type: none"> ○ the knowledge of correct terminology will be evaluated • Communication skills <ul style="list-style-type: none"> ○ the knowledge acquired during the course will allow the student to achieve a technical terminology to use in the next veterinary professional career • Capacities to continue learning <ul style="list-style-type: none"> ○ the therapeutic protocols learned during the course coupled with the 	



	continuing education will be used in the professional field
Criteria for assessment and attribution of the final mark	<p>The student will have to evaluate a clinical case and prepare the therapeutic protocol to be applied including dosages, routes of administration, side effects and therapeutic efficacy of the drugs to be use.</p> <p>The grade acquired in the module, together with that of the modules " Clinical Medicine " and "Legal Veterinary Medicine", will contribute to the determination of the final grade of the Clinical Medicine exam by weighted average.</p>
Additional information	