| General information | |
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| Academic subject | **CLINICAL EXAMINATION** module of the integrated course: **CLINICAL EXAMINATION AND MEDICAL PATHOLOGY** |
| Degree course | VETERINARY MEDICINE |
| Academic Year | 2021-2022 |
| European Credit Transfer and Accumulation System (ECTS) | 3 |
| Language | ITALIAN |
| Academic calendar (starting and ending date) | 1st two months |
| Attendance | Mandatory |

| Professor/ Lecturer | |
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| Name and Surname | Professor Mariateresa Sasanelli |
| E-mail | mariateresa.sasanelli@uniba.it |
| Telephone | 0805443860 |
| Department and address | Veterinary Medicine Campus – Valenzano (BA) |
| Virtual headquarters | i8qfjdx |
| Tutoring (time and day) | Tuesday: 2-5 pm<br>Thursday: 10-12 am |

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| Syllabus | |
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| **Learning Objectives** | Specific learning objectives are the acquisition of fundamental concepts about the accurate execution of the clinical examination in animals and to provide a basic preparation on the clinical and instrumental methodology for the management of each patient. In addition to learning proper use of electrocardiograph for recording and reading an electrocardiogram |
| **Course prerequisites** | Basic knowledge of Anatomy, Biochemistry, Physiology and Pathology |
| **Contents** | Diagnostic methods. Clinical examination techniques. The clinical examination: signalment, history, physical examination. Clinical examination of the cardiovascular system, respiratory system, alimentary system, urinary system, integumentary system, lymphatic system and nervous system. Diagnostic procedures. Electrocardiography.<br>CLINICAL SCIENCES IN COMPANION ANIMALS<br>CLINICAL SCIENCES IN FOOD-PRODUCING ANIMALS |
| **Books and bibliography** | SEMEIOLOGIA CLINICA VETERINARIA Edited by P. Ciaramella, POLETTO EDITORE, MI, 2014. |
| **Additional materials** | Electrocardiography notes |

| Work schedule | | | |
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| Total | Lectures | Hands on (Laboratory, working groups, seminars, field trips) | Out-of-class study hours/ Self-study hours |
| **Hours** | | | |
| 75 | 26 | 25 | 24 |
| **ECTS** | | | |
| 3 | 2 | 1 | |

**U.O. Didattica e servizi agli studenti**
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| **Teaching strategy** | |
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| | The lectures will take place in a classroom equipped with multimedia devices using Power Point presentations. A logical deductive method will be applied, using clinical cases and allowing the class to comment and make logical associations. The practical activities are performed on healthy and sick animals in the Veterinary Teaching Hospital. The students, divided into small groups, will be followed exclusively by the subject teacher. Each student will perform the clinical examination, under the guidance of the teacher, using the semeiological techniques: inspection, palpation, percussion and auscultation. During the course there will be self-assessment tests for the assessment of knowledge. |
| **Expected learning outcomes** | |
| **Knowledge and understanding on:** | Every student has to be able to perform a clinical examination on the different species |
| **Applying knowledge and understanding on:** | Every student should be able to develop a clinical-diagnostic method applicable in the management of each patient in veterinary clinical practice |
| **Soft skills** | • Making informed judgments and choices<br>The method learned during the course is propedeutical to the learning of further clinical course, in particular the course of Clinical Medicine<br>• Communicating knowledge and understanding<br>The students are required to learn a proper medical terminology and use it in daily veterinary practice.<br>• Capacities to continue learning<br>The method learned during the course will be used in the future veterinary clinical practice. |

| **Assessment and feedback** | |
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| Methods of assessment | The assessment of Clinical Examination will be simultaneous to Clinical Pathology and/or the Medical Pathology assessments. The examination consists of an oral test on program topics |
| Evaluation criteria | • Knowledge and understanding<br>○ associative skills will be assessed in relation to explanatory examples of diseases presented in clinical practice<br>• Applying knowledge and understanding<br>○ ability to make a deductive reasoning evaluating clinical cases will be assessed. The student will also be required to show that he or she can read and evaluate an electrocardiogram.<br>• Autonomy of judgment<br>○ ability to independently judge explanatory examples of diseases presented in clinical practice will be assessed<br>• Communicating knowledge and understanding<br>○ ability to communicate knowledge with proper medical terminology will be assessed<br>• Communication skills<br>○ dialectical skills and knowledge of proper medical terminology will be evaluated<br>• Capacities to continue learning<br>○ the student will be expected to demonstrate the need for continuous updating in the future professional life |
| Criteria for assessment and | The student must correctly answer three questions and read an ECG tracing. |

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| attribution of the final mark | The grade obtained in the Clinical Examination/Clinical Pathology module will contribute, by weighted average, to the final grade of the Clinical Examination and Medical Pathology exam. |
| **Additional information** | |
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