

List of practical activities

Note: activities order may change according to the assigned group and does not necessarily follow the order of presentation in the above table.

Activity name	Logistic aspects	Description of the activities	CFU ECTS
Companion animal clinical rotations	At Veterinary Teaching Hospital in Agripolis campus, from Monday to Thursday, from 9:00 am to 1:00 pm and sometimes early afternoon (totally 6 weeks)	Signalment and history, safe and appropriate handling and restraint of domestic animals, Complete clinical exam, Performing and interpreting cytological exams and biopsies, Preparation and interpretation of basic laboratory exams on blood and urine samples, Routine X-ray techniques Ultrasonographic exam, How to write certifications, official and legal documents, Fill out clinical records, Administration of drug through IM and IV routes, fluid therapy, Sedation and anaesthesia, Monitoring the anesthetized patient, Write drug prescription, Practical aspects of basic cleaning and sterilization of surgical instruments, Monitoring patients during awakening.	6
Emergency service (companion animals)	At Veterinary Teaching Hospital in Agripolis, from Monday to Friday (from 6:00 pm to 8:00 am), and 12h shifts on Saturday and Sunday (totally 3 weeks)	Practical clinical emergency activity on small animals supervised by the vet on duty	8
Ruminant clinics and reproduction	At University Experimental Farm in Agripolis and private farms, from Monday to Thursday (from 8:00 am to 2:00 pm)	Clinical management assessment, case history and generic and specific PE (physical examination) implementation, basics manual skills on cattle accomplishment (temperature measurement, blood sampling, parenteral drugs administration, etc.), disease prevention (prophylaxis) measures and plans management, treatment and health records management (registers, prescriptions, etc.), new-born clinical observation and management, reproductive management evaluation, reproductive performance and indices evaluation, reproduction linked activities accomplishment.	1
Equine reproduction	Breeding Centers and equine stables of Veneto Region, from Monday to Friday, from 8:00 am to 16:00 pm	Clinical examination of the mare and the foal. Ultrasound monitoring of the reproductive cycle of the mare; fertilization techniques with fresh, chilled and frozen semen. Diagnosis and treatment of endometritis. Clinical evaluation of the stallion and semen collection and processing.	1
Equine clinics	Equine stable in Padova District, from Monday to Friday, from 8:00 am to 16:00 pm	Signalment and history, safe and appropriate handling and restraint of equids. Drug administration and blood sampling, local anaesthesia.	1
Swine clinics and reproduction	Private farms, from Monday to Friday (from 8:00 am to 2:00 pm)	Basics manual skills on pigs (temperature measurement, blood sampling, parenteral drugs administration, etc.), clinical examination, vaccination program implementation and management, reproduction linked activities accomplishment, healthcare registration management, closed cycle pig farm management (biosecurity basis and nutrition), farrowing units management, BCS and back fat deposition evaluation.	1
Avian pathology	Monday and Tuesday: University Experimental Farm in Agripolis; Wednesday: necropsy room; Friday: private poultry farm. All the activities start at 9.30	Poultry handling and restraint, necropsy, collection of samples from live (e.g. swabs and blood) and dead (e.g. microbiology) birds at the University facilities. Same activities plus clinical examination at the chicken farm.	1
Clinical Pathology	In the Necropsy hall (Agripolis) from Monday to Friday, more frequently only in the morning (9:00 AM - 1.00 PM)	Signalment and history, postmortem analyses of domestic and farm animals as well as horses and wildlife. Management and processing of samples collected during necropsies to perform ancillary analyses. Interpretation of results and writing of postmortem report. Management of the equipment and the necropsy hall. Disposal of an animal carcass.	3
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