

Course Unit	Veterinary Practice	Field of study	Veterinary Science
Bachelor in	Veterinary Nursing	School	School of Agriculture
Academic Year	2023/2024	Year of study	3
Type	Semestral	Semester	2
Level	1-3	ECTS credits	30.0
Code	9085-783-3201-00-23		
Workload (hours)	810	Contact hours	T - TP - PL - TC - S - E - OT - O -

T - Lectures; TP - Lectures and problem-solving; PL - Problem-solving, project or laboratory; TC - Fieldwork; S - Seminar; E - Placement; OT - Tutorial; O - Other

Name(s) of lecturer(s) Hélder Miranda Pires Quintas

#### Learning outcomes and competences

At the end of the course unit the learner is expected to be able to:

1. Veterinary practice aims to deepen the knowledge acquired throughout the course, enabling the student to perform professional activity as a veterinary nurse.
2. Nursing care for pets, large animals and exotic animals.

#### Prerequisites

Before the course unit the learner is expected to be able to:

1. IPB Regulation
2. Veterinary Practice Regulation

#### Course contents

Maintain working relationships. Manage clinical environments for procedures and investigations. Provide emergency first aid to animals and nursing care. Support clients in caring for animals. Perform laboratory diagnostic tests. Prepare for diagnostic imaging techniques. Prepare for veterinary surgical procedures. Assist the veterinary surgeon during surgical procedures. Assist the provision of anaesthetics to animals. Dispense and administer medication. Grooming and baths. Animal Physiotherapy.

#### Course contents (extended version)

1. Monitor and maintain health and safety
  - Monitor and maintain health and safety in the workplace
  - Maintain good standards of health and safety
2. Develop personal performance and maintain working relationships
  - Maintain and develop personal performance
  - Establish and maintain working relationships with others
3. Carry out veterinary reception duties
  - Make appointments, receive clients and process payments
  - Admit animals for care
4. Manage clinical environments for procedures and investigations
  - Maintain examination rooms for use and manage clinical environments, equipment and materials
  - Assist in the preparation of patients for medical procedures and investigations
  - Assist veterinary staff during medical procedures and investigations
5. Providing emergency first aid to animals
  - Administer emergency first aid and critical care to animals
  - Assist with the provision of emergency treatment to animals
6. Provide and administer nursing care
  - Manage accommodation for patients
  - Monitor and care for patients including specialised nursing care
  - Treat patients and administer fluid therapy
7. Support clients in caring for animals
  - Support and offer advice to clients during the provision of veterinary services
  - Demonstrate to clients the care of animals
  - Provide veterinary materials to clients
  - Discharge animals from care
8. Perform laboratory diagnostic tests
  - Carry out diagnostic tests. Preparation and sampling and the maintenance of equipment and materials.
9. Prepare for diagnostic imaging techniques and conduct radiography on animals
  - Prepare diagnostic imaging equipment, materials and prepare the animal for diagnostic imaging or ECG
  - Conduct radiography on animals
10. Prepare for veterinary surgical procedures
  - Select, maintain and prepare surgical environments and equipment for veterinary surgical procedures.
  - Select, maintain and prepare surgical materials for veterinary surgical procedures.
  - Prepare animals for veterinary surgical procedures.
11. Assist surgical procedures in animals
  - Assist the veterinary surgeon during surgical procedures
  - Provide post operative care for animals
12. Assist the provision of anaesthetics to animals
  - Prepare anaesthetic equipment and materials
  - Prepare animals for anaesthesia
  - Assist in administering and maintaining anaesthetics to animals
13. Dispense and administer medication
  - Dispense medication for animals to clients
  - Administer medication to animals
14. Animal Physiotherapy.
15. Grooming and baths.

#### Recommended reading

1. BSAVA Textbook of Veterinary Nursing - 6th Edition. Edited by B Cooper, E Mullineaux, L Turner (2020) ISBN 1910443395
2. Equine Veterinary Nursing Manual – 2nd. Edition K Coumbe (2012) ISBN 978040656556
3. Clinical Procedures in Veterinary Nursing – 4th Edition V Aspinall (2019) ISBN 9780702073960
4. Clinical Textbook for Veterinary Technicians and Nurses, 10th Edition - 9th Bassert (2021) ISBN: 9780323751513
5. Outros livros de referencia segundo a área de estudo.

**Teaching and learning methods**

Veterinary Practice Regulation. Exam with the jury indicated by the Pedagogical Council. The assessment test includes an analysis of the work done during veterinary practice and discussion of the final report. This test may include analysis of the Student's Practice Handbook ("Caderneta Prática").

**Assessment methods****Language of instruction**

Portuguese, with additional English support for foreign students.

**Electronic validation**

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