

Course Unit	Animal Morphology and Aesthetics		Field of study	Veterinary Sciences	
Bachelor in	Veterinary Nursing		School	School of Agriculture	
Academic Year	2019/2020	Year of study	3	Level	1-3
Type	Semestral	Semester	1	ECTS credits	5.0
Code	9085-408-3103-00-19				
Workload (hours)	135	Contact hours	T 15	TP -	PL 30
			TC -	S -	E -
			OT 20	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) Lina Maria Rodrigues Freire

### Learning outcomes and competences

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

1. To know the concept of breed. To know the methods that allow to identify and to characterize the animals.
2. To recognize small animal breeds as well as its origin and characteristics.
3. To perform morphologic assess of livestock breeds as well as small animals. Be able to do pet grooming.

### Prerequisites

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

1. The students must have knowledge of anatomy, behavior and animal welfare.
2. knowledge of general animal science.

### Course contents

Morphology: anatomical variation. Study of the exterior. Breeds. External morphology: external regions. Study of the different types of coats. Morphology and angulation. Dentistry: dental chronometry. Sense Organs. Eyes, Ears. Skin care, morphology and lesions. Body condition. Grooming and baths. Cut of nails. Anal Glands.

### Course contents (extended version)

1. Ethnology animal science. Concept of ethnology in animal science and breed.
2. Morphological characters. External morphology concept. Terminologies.
3. External regions of animals. General concepts.
  - Head, neck, trunk, limbs. Horses, Ruminants and Small animals
  - Anatomical correspondences.
4. Dog and Cat breeds.
  - History, general concepts, classification, groups and sections.
5. Dog morphology.
  - Lupoids, braccoides, molossoids and graioid
  - Tail and ears types
6. Angulation of the limbs. Concepts. Horses, bovines and dogs.
7. Odontology.
  - Tooth morphology. Dental chronometry: horses, ruminants, dogs and cats.
8. Sense organs.
  - Eyes and eyelids: morphology, care and pathologies
  - Ears: morphology and care.
  - Skin: morphology, functions, primary and secondary lesions. Anal glands.
9. Hair. Structure. Types: size, texture, colours, patterns. Dog and cat.
10. Body condition. Body condition score, charts. Obesity.
11. Grooming: history, equipment.
  - Hair care, brushing.
  - Baths: bath care
  - Clipping: care, types of hair cuts, cutting the nails.

### Recommended reading

1. Buxadé Carbó, C. , 1996. Exterior de los grandes animales domesticos: Morfologia externa e identificación animal. Imprenta Moderna. Córdoba, Espanha, 324 p.
2. Trovati, E. M. , 2006. Introdução a la morfología externa canina. Fondo Editorial, Universidad Alas Peruanas, Lima, Perú.
3. Gould, D. , McLellan, G. , 2015. BSAVA Manual of Canine and Feline Ophthalmology. 3ª Edição, BSAVA, 350 pp.
4. Jackson, H. , Marsella, R. , 2012. BSAVA Manual of Canine and Feline Dermatology. 3ª Edição, BSAVA, 296 pp.
5. Perrone, J. 2015. Small Animal Dental Procedures for Veterinary Technicians and Nurses. (J. Perrone, Ed. ) Iowa: John Wiley & Sons, Inc. , p228

### Teaching and learning methods

Teaching of this curricular unit will be based on presential theoretical and practical classes. Resources: powerpoint presentations, books, papers, pictures, videos, skeletons, artificial models. In the practical classes are carried out baths, grooming, eye and ear cleansing and emptying of anal glands of dogs.

### Assessment methods

- Continuous evaluation - (Regular, Student Worker) (Final, Supplementary, Special)
- Intermediate Written Test - 75% (2 Written Tests on the theoretical and practical contents, and 1 group work to present orally.)
- Final Written Exam - 25% (Written exam on the theoretical and practical contents taught in the course.)

### Language of instruction

Portuguese

## Electronic validation

Lina Maria Rodrigues Freire	Ramiro Corujeira Valentim	Hélder Miranda Pires Quintas	Alfredo Jorge Costa Teixeira
18-11-2019	19-11-2019	19-11-2019	19-11-2019