

DOG PRODUCTION AND USES

Semestral 3rd Year

5th Semester

Optional

Credits: ECTS 2.5

Teaching staff: Prof. Ilda G. Rosa, Pof. Luísa Mateus, Prof. Luís Ferreira, Prof. M. Carreira

1. Time allocated (per student): 24 h Theoretical/Practical

2. Objectives of the discipline:

The students should acquire all the knowledge needed to allow them to understand the dog production performed in Portugal, the productive techniques used and the several training methodologies employed, in accordance of the animal use and its welfare. To rank the types of dogs in accordance with its further use, standing out the several uses based in the selection criteria and in the animal welfare basis. To recognize the productive and reproductive rates of the dogs' breeds used in production, determining the appropriate for reproduction. To know the morphological, functional and productive characteristics of the dog breeds representative of the several functions. Knowing the existing legislation the student should be able to identify the rates of the dogs' welfare in production. To show the suitable handling techniques and to define the appropriate training to each dog type or breed used.

3. Program:

Theoretical: Framing the dog production and use in its several slopes: work, company, exhibitions, experimentation. Economical activities impact of the dog farming. Types of uses and specific dog breeds used in the several slopes. Welfare indicatives based on the dog normal behaviour. Dog production systems and management: housing (housing design, environmental enrichment, environmental conditions, cleaning), identification, handling and physical restraint. Breeding systems used. Dog feeding (in accordance with age). Health and disease (indicative signs, specific pathologies and its prevention). Fate of animals after the productive cycle. Behaviour and characteristics of the several dog types related with their uses and training. Types and methodologies of training meeting the proposed objectives.

Practical; Dog forms of restraint. Performing the appropriate restraint methods related with the several ages, types and breeding systems of dogs. Observation of different types of dogs' breeding systems. Visits to several dog farms. Examples of the training methodologies.

4. Recommended Bibliography:

Basic: Copies of files and slides presented in the classes. Scientific and technical papers.

Supplemental: O' Farrell, V. (1992), *Manual of Canine Behaviour* BSAVA, C. St. C. Ross. Bradshaw, J.W.S. and Nott, H.M.R. (1995). *The Domestic Dog: Its Evolution, Behaviour and Interaction with People*, Fascetti, A, J. & Delaney, S. J. (2012), *Applied Veterinary Clinical Nutrition*, Willey Blackwell, Horwitz, D. F. & Mills, D. S. (Editors) (2010). *Manual of Canine and Feline Behavioural Medicine*, BSAVA, Ed. J.Serpell. Cambridge University Press, Cambridge. Fogle, B. (1997). *Complete Dog Training*. RD Press. Sidney, Miklosi, A. (2016), *Dog Behaviour, Evolution and Cognition*, Oxford.Rice, D. (2008), *The Complete Book of Dog Breeding*, Barron's Educational Series. Serpell, J. (2017), *The Domestic Dog: Its Evolution, Behavior and Interactions with People*. Cambridge University Press. Silva, A. T. Martins (2018). *Treino e modificação comportamental de cães*. Lidel, Weiss, E. & Mohan-Gibbons, H. (2015). *Animal Behavior for Shelter Veterinarians and Staff*, ASPCA, Willey Blackwell.

5. Assessment:

A written exam at the end of the discipline in which the subjects taught in theoretical and practical classes will be evaluated.