

ANIMAL BEHAVIOR AND WELFARE**Study programme: MIMV Curricular Year: 2st Semester: 3rd Compulsory ECTS: 5.0****Lecturer: Ilda M. N. Gomes Rosa (CCP) (R)****1. Contact hours:****Lectures: 28 h – Practicals: 28 h; Total – 140 h****2. Objectives:**

Identify the abnormal behaviours in the animal production species and the pets, understanding the source and the development of those behaviours in order to prevent and treat them. Recognize and interpret the signs of welfare, discomfort and pain, knowing its physiological basis and its effects in the social and productive animal behaviour. Know animal handling and restraint techniques, and acquire training methodologies to transport animals. Respect the animal welfare.

3. Programme:

Theoretical: Physiology of behaviour. Social behaviour. Behaviour organization. Feeding behaviour. Stress and welfare. Sexual behaviour. Clinical behaviour. Abnormal behaviour. Animal welfare in general and specifically. Cattle behaviour and welfare. Horse behaviour and welfare. Sheep and goat behaviour and welfare. Pig behaviour and welfare. Poultry behaviour and welfare. Cat behaviour and welfare. Dog behaviour and welfare.

Practical: Animal welfare case studies. Animal observation. Animal handling. Animal restraint. Animal transportation. Animal training. Environmental enrichment.

4. Bibliography:

EKESBO, Ingvar; GUNNARSSON, Stefan (2018). Farm Animal Behaviour: Characteristics for Assessment of Health and Welfare 2nd Edition. CABI. GOMES ROSA, I.M.N. (2017). Protocolo das aulas práticas, F.M.V., Lisboa. HOUPPT, Katherine A. (2018). Domestic Animal Behavior for Veterinarians and Animal Scientists, 6th Edition. Wiley-Blackwell. MARTIN, Vincent (2019). Animal Husbandry and Livestock Management Hardcover. CALLISTO REFERENCE. LANDSBERG, Gary; HUNTHAUSEN, Wayne, and ACKERMAN, Lowell (2013). Behavior Problems of the Dog and Cat, 3rd Edition, Saunders Ltd. SHAW, J. (2014) Canine and Feline Behavior for Veterinary Technicians and Nurses, Iowa State University Press.

5. Assessment:

The assessment of the theoretical and practical components is accomplished with a written examination with open-ended questions in which students solve problems.