

Tárgytematika / Course Description**Animal Health and Hygiene****MENB_ÁTTA007****Tárgyfelelős neve /****Teacher's name:** dr. Egri Borisz**Félév / Semester:** 2022/23/1**Beszámolási forma /****Assesment:** Vizsga**Tárgy heti óraszám /****Teaching hours(week):** 2/2/0**Tárgy féléves óraszám /****Teaching hours(sem.):** 0/0/0**OKTATÁS CÉLJA / AIM OF THE COURSE**

Animal Hygiene is the branch of the veterinary science, which relying on knowledge of physiological and ethological demands of animals, describes the preconditions of health preservation and investigates the pathophysiological changes brought about by adverse environmental effects in order to gain information on the aetiology and pathomechanism of multifactorial diseases. Animal hygiene is an interdisciplinary science that lay bridge over animal husbandry and veterinary medicine. Its curriculum involves the management and nutrition technologies of farm animals. The discipline also describes the multilateral effects of housing and nutrition on the health, on the inherited behavioural characteristics of farm and companion animals, on economy of their production and on the rural environment.

TANTÁRGY TARTALMA / DESCRIPTION

1. Week Animals and environment (Interactions)
2. Week Aspects of establishing of animal production unit
3. Week Microclimate of stables
4. Week Hygiene of feed drinking water
5. Week Disinfection, biosecurity
6. Week Diseases and their (general) clinical manifestations: Circular malfunctions, inflammation, fever
7. Week Infectious diseases of Cattle
8. Week Parasitic diseases of cattle
9. Week Infectious and parasitic diseases of swine
10. Week Infectious and parasitic diseases of poultry
11. Week Infectious and parasitic disease of sheep
12. Week Infectious and parasitic diseases of horses
13. Week Significant metabolic diseases of farm animals
14. Week Some nutritional diseases and wound management in farm animals

SZÁMONKÉRÉSI ÉS ÉRTÉKELÉSI RENDSZERE / ASSESSMENT'S METHOD

Conditionals of Instructor's signature: taking part in (min.) 50% during the lectures of subjects.

Grading: An oral examination after satisfactory answers to 3 exam questions

KÖTELEZŐ IRODALOM / OBLIGATORY MATERIAL

1. Gyles, C.L., Prescott, J.F., et alii: Pathogenesis of Bacterial Infections in Animals (4th Ed.)
Wiley-Blackwell, 2010.
2. Shapiro, L. S.: Pathology and Parasitology (2nd Ed.)
Delmar, 2010.
3. Bauerfeind R., Graevenitz A. von et alii: Zoonoses (4th Ed.)
ASM Press