

Title of the subject	: Metabolic diseases and toxicosis
Subject leader	: Prof. Dr. Melinda Kovács
Prerequisite	: Biochemistry
Credit	: 2
Short description of the subject	: The subject covers the most important metabolic disorders/diseases of livestock (ruminants, swine, horse, poultry) species: the clinical symptoms of homeostatic disorders (changes in water metabolism and acid-base balance, deficiency of minerals and vitamins); diagnostic methods for identification of metabolic diseases. Toxicosis (caused by heavy metals, nitrate and nitrite, salt, mycotoxins etc.) are also discussed.
Compulsory reading	: Kahn, C.M,(Ed.) 2005 The Merck Veterinary Manual, 9 th ed., MERCK and Co. inc., USA
Further reading	: Radostits, O.M., Gay, C.C., Arundel, J.H., Blood, D.C., Hinchcliff, V. 2000 Veterinary Medicine: A Textbook of the Diseases of Cattle, Sheep, Pigs, Goats and Horses. Elsevier Health Sciences Fekete, S.Gy. (ed) 2008 Veterinary nutrition dietetics. Pro Scientia Veterinaria Hungarica Foundatrion (publisher)