

Title of the subject	: Production physiology
Subject leader	: Prof. Dr. Melinda Kovács
Prerequisite	: none
Credit	: 4
Short description of the subject	: Metabolic, biochemical and regulating processes in livestock that effect animal production. The most important aspects of animal physiology and biochemistry in terms of growth and carcass composition, lactation and egg production. Detailed description of the anatomy and histology of the related organs. Function of the endocrine systems that effect animal production, possibilities to manipulate or monitor to advantage. The physiological adaptation to environmental effects.
Compulsory reading	: Reece WO (ed.)(2004) Duke's Physiology of Domestic Animals, 12th Ed., Cornell University Press, UK
Further reading	: Squires E.J.(2003) Applied Animal Endocrinology, CABI Publishing, UK Selected papers of scientific journals