Title of the subject	**:**	**Poultry nutrition**
Subject leader	**:**	Prof. Dr. László Babinszky
Prerequisite	**:**	Nutritional physiology of animals
Credit	**:**	2
Short description of the subject	**:**	The purpose of this subject is that the students acquire the latest methods of energy and protein (amino acid) evaluation of poultry diets; the concepts of nutrient supply of various poultry species; the characteristics and respective requirements of production categories; the relationship between nutrient supply and product quality. The subject discusses in detail the supply of protein and amino acids based on crude protein and amino acid requirements; the role of fats and fatty acids in poultry nutrition; the supply of minerals and vitamins; the consequences of deficiencies; the role of antinutritive factors in poultry diets. The theoretical and practical aspects of the nutrition and feeding of various poultry species and production categories are also discussed, with a special emphasis on the usefulness of non-conventional feed ingredients in the feeding of high-yielding poultry.
Compulsory reading	**:**	Leeson, S. and J.D. Summers 2008. Commercial poultry nutrition. Nottingham University Press, UK Fekete S. Gy. (ed) 2008. Veterinary nutrition and dietetics. Pro Scientia Veterinara Hungarica, Budapest, Hungary. D'Mello, J.P.F. (ed) 2002. Amino acids in animal nutrition. CABI Publishing, Wallingford, UK. National Research Council 1994 Nutrient Requirements of Poultry: Ninth Revised Edition. National Academies Press, Washington DC, USA Digital handouts issued by the department.
Further reading	**:**	McDonald, P., R.A. Edwards, J.F.D. Greenhalgh, C.A. Morgan 2002. Animal nutrition. Pearson Education, Limited. Harlow, England.