

<b>Title of the subject</b>	: <b>Nutrition and environmental protection</b>
<b>Subject leader</b>	: Veronika Halas, PhD, assistant professor
<b>Prerequisite</b>	: none
<b>Credit</b>	: 3
<b>Short description of the subject</b>	: One of the big challenges of the 21 <sup>th</sup> century is the sustainable development. In order to ensure the sustainability reduction of the environmental pollution is imperative. The course of Nutrition and environmental protection aims to show the impact of animal feeding on the pollution of animal production. The students are going to study nutritional regimes that are useful tools for reducing N, P and CH <sub>4</sub> excretion of livestock, without reducing the production quality
<b>Compulsory reading</b>	: Mougham, P.J. , Verstegen, M.W.A., Visser- Reyneveld, M.I. (Eds) 2000 Feed evaluation: principles and practice Wageningen Pers, Wageningen, NL Digital handouts issued by the department.
<b>Further reading</b>	: Bedford, M. and Partridge, G. 2001 Enzymes in farm animal nutrition. CABI Publishing Cox, S. (Ed) 2007 Precision livestock farming. Wageningen Academic Publishers, Wageningen, NL