

Course Unit Descriptor

Study Programme: Animal Husbandry			
Course Unit Title: Nutrition of cattle, sheep and goats			
Course Unit Code: 19.ANM083			
Name of Lecturer(s): Professor Dragan Glamočić, Assistant Professor Mirko Ivković			
Type and Level of Studies: Master Academic Degree			
Course Status (compulsory/elective): elective			
Semester (winter/summer): winter			
Language of instruction: Serbian			
Mode of course unit delivery (face-to-face/distance learning): Face-to-face			
Number of ECTS Allocated: 6			
Prerequisites: None			
Course Aims: Acquisition of theoretical and practical knowledge from the field of modern cattle, sheep and goat feeding in intensive production with a goal of practical application.			
Learning Outcomes: Ability of students to apply the acquired knowledge in nutrition of various categories of cattle, sheep and goats. Ability to use and analyze scientific literature.			
Syllabus: <i>Theory</i> Feeding calves: liquid diet, feeding starter diets, weaning calves, requirements, recommendations. Feeding heifers: nutrition goals, requirements, recommendations, nutrition of beef cattle. Feeding cows: prediction of voluntary dry matter intake, nutrients and energy requirement, nutrition of cows in the production cycle, body condition score, systems for cows feeding, metabolic disorders and their economic importance, factors that influence the composition of milk. Sheep feeding. Goat feeding. <i>Practice</i> Rationing of different types and categories of ruminants.			
Required Reading: Glamočić D. (2002): Ishrana preživara – praktikum. Univerzitet u Novom Sadu, Poljoprivredni fakultet, Novi Sad. Grubić G., Adamović M. (2003): Ishrana visokoproizvodnih krava. Institut PKB Agroekonomik, Beograd. National Research Council (2001): Nutrient requirement of dairy cattle. National Academies Press, Washington, USA.			
Weekly Contact Hours:	Lectures: 2	Practical work: 2	
Teaching Methods: Lectures, Practice/ Practical classes			
Knowledge Assessment (maximum of 100 points):			
Pre-exam obligations	points	Final exam	points
Active class participation	10	written exam	20
Practical work	10	oral exam	20
Preliminary exam(s)	40	