

Course Unit Descriptor

Study Programme: Animal Production			
Course Unit Title: Systems of poultry production and farm management			
Course Unit Code: 3MCT1H04			
Name of Lecturer(s): Dr. Lidija V. Perić, Dr. Mirjana B. Đukić Stojčić			
Type and Level of Studies: Master academic studies			
Course Status (compulsory/elective): Elective			
Semester (winter/summer): Winter			
Language of instruction: English			
Mode of course unit delivery (face-to-face/distance learning): Face-to- face			
Number of ECTS Allocated: 6			
Prerequisites: No			
Course Aims: The aim of the course is the education and training of students for independent management and consulting on a poultry farm. The student should acquire a broad knowledge and understanding of poultry production, as well as ways and methods to apply knowledge in practice.			
Learning Outcomes: Specialized experts who are educated to engage in professional and scientific work based on expanded knowledge in the field of poultry. Professional and scientific ability of students to successfully organize, manage and solve complex problems in the technological process of poultry meat and egg production.			
Syllabus: <i>Theory</i> Systems of poultry production. Conventional and alternative systems and their specificities. Defining the production goal and choosing a poultry farming system. Selection of species, breeds and hybrids of poultry. Production standards depending on the housing system. Facilities and equipment in the poultry industry for the production of poultry meat and eggs. Planning the construction of poultry farms. Storage and distribution of products. Management of production processes on the farm. Application of sensors and software solutions on poultry farms. Management of manure and waste from poultry farms. Biosecurity measures on the farm and environmental protection. <i>Practice</i> Practical introduction to production systems in poultry farming. Definition of the production goal and selection of the poultry housing system. Production standards and legal regulations. Field exercises.			
Required Reading: Donald D. Bell, William Daniel Weaver: Commercial Chicken Meat and Egg Production, 5 th Edition, Kluwer Academic Publishers, 2002. Sandilands, V., Hocking, P: Alternative Systems for Poultry: Health, Welfare and Productivity, CABI Publishers, 2012.			
Weekly Contact Hours: 4	Lectures: 2		Practical work: 2
Teaching Methods: Lectures, Practical classes, Consultations.			
Knowledge Assessment (maximum of 100 points):			
Pre-exam obligations	points	Final exam	points
Active class participation	5	written exam	

Practical work	5	oral exam	50
Preliminary exam(s)	20	
Seminar(s)	20		
The methods of knowledge assessment may differ; the table presents only some of the options: written exam, oral exam, project presentation, seminars, etc.			