

Course Unit Descriptor

Study Programme: Field and vegetable sciences		
Course Unit Title: Animal production		
Course Unit Code: 3ORT3O13		
Name of Lecturer(s): Prof. dr Mirjana Đukić Stojčić		
Type and Level of Studies: Undergraduate Academic Studies		
Course Status (compulsory/elective): Compulsory		
Semester (winter/summer): Summer		
Language of instruction: English		
Mode of course unit delivery (face-to-face/distance learning): Face-to-face		
Number of ECTS Allocated: 6		
Prerequisites: None		
Course Aims: Introduce students to the biological basis of domestic animals (cattle, pigs, sheep and poultry) and characteristic animal production in order to observe the conditionality of animal and crop production. Upon completion of the course animal husbandry,educated professionals who will have a basic knowledge of animal production and the importance of crop production in the cultivation, nutrition, reproduction and use of production potential of domestic animals.		
Learning Outcomes: Training experts with academic qualifications, who are trained to be based on the basic knowledge in the field animal production, with special practical and scientific preparation, engage in professional activities in the provision of primary conditions (fodder production) for the breeding of domestic animals. The knowledge gained academic bachelor's degree gives academics professional competency and skills of application of general knowledge for successful cultivation of certain types of livestock and livestock production food.		
Syllabus: <i>Theory</i> The importance of animal production in agricultural business will be taught in the course. The biological concept of species and breeds of domestic animals. The principles of propagation and increase domestic animals. Basic concepts of breeding domestic animals. Breeding systems and preventative measures to protect domestic animals. Nutrients and nutrition of farm animals. Zoological characteristics especially cattle, pigs, poultry and sheep. Specifics of types and breeds of domestic animals as specific biological species. Specifics of propagation of each species of domestic animals. The technology of growing domestic animals per species. Specificity of the nutrition of farm animals by species. Facilities and equipment in livestock (cattle, pig, poultry and sheep farming). <i>Practice</i> Domestication and its impact on the physiological, production and exterior changes in domestic animals. Time and reasons domestication of animals. The origin, the concept of race and racial traits in domestic animals. The influence of external factorsenvironment on the animal organism. Constitution, fitness and exterior of domestic animals. The selection and testing of production capacity of domestic animals. Cattle, pig, poultry, sheep production.		
Required Reading: 1. Петровић, Милица: Сточарство. Пољопривредни факултет, Београд, 2000. 2. Милошевић Н., Перић Ј.: Технологија живинарске производње. Пољопривредни факултет, Нови Сад, 2011. 3. Крајиновић М., Чобић Т., Ћинкулов Мирјана: Опште сточарство, Пољопривредни факултет Нови Сад, 2000.		
Weekly Contact Hours:	Lectures: 2	Practical work: 2

Teaching Methods:

Lectures, Practice, Consultations, Research work.

Knowledge Assessment (maximum of 100 points): 100

Pre-exam obligations	points	Final exam	points
Active class participation	5	written exam	25
Practical work	5	oral exam	30
Preliminary exam(s)	25	
Seminar(s)	10		

The methods of knowledge assessment may differ; the table presents only some of the options: written exam, oral exam, project presentation, seminars, etc.