

Course Unit Descriptor

Study Programme: Soil, plant and genetics. Modul: Organic agriculture			
Course Unit Title: Organic livestock Farming			
Course Unit Code: 19.ZB2010			
Name of Lecturer(s): PhD Denis Kučević, full Professor			
Type and Level of Studies: MSc			
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: 5			
Prerequisites: None			
Course Aims: Education and training of students for professional work in the field of organic livestock production and Farming			
Learning Outcomes:			
<p>The student is trained in knowledge about the methods and principles of organic livestock production, which are necessary for working on organic production farms, in control (certification) organizations, for work in commissions of various accreditation bodies, in agricultural expert and advisory services, in research centers, institutes, faculties, etc.</p>			
Syllabus: <i>Theory</i>			
Basis of principles in organic livestock production; Current state of organic livestock production in Serbia and the Council; Organic pig production; Organic cattle breeding - fattening; Organic cattle production - milk production; Organic sheep and goat production; Organic poultry production; Product quality and the possibility of placement; The impact of organic livestock production on the environment and relevant legislation.			
<i>Practice</i>			
Comparison of nutrition and nutrition of domestic animals in conventional and organic production; Comparison of the quantity and quality of products obtained in conventional and organic production; Comparison of success in reproduction in conventional and organic production; Analysis of the impact of organic production on the welfare and health of domestic animals;			
Required Reading:			
1. Vaarst M.: Animal Health and Welfare in Organic Agriculture, Wallingford, UK: CABI Publishing, 2004.			
2. Padgham J et al. (2006): Organic Dairy Farming: A Resource for Farmers, Gays Mills, WI : Orang-utan Press, USA			
3. Van Belzen Nico: Achieving sustainable production of milk. Volume 1: Milk Composition, Genetics and Breeding. Burleigh Dodds Science Publishing Limited Cambridge, United Kingdom, 2017.			
4. VanOverbeke, D.L.: Handbook of Beef safety and Quality. Haworth Food & Agricultural products Press, 2007.			
5. EU and national legislation in Organic livestock Farming			
Weekly Contact Hours: 5	Lectures: 45	Practical work: 30	
Teaching Methods: Lectures, Consultations and students group work			
Knowledge Assessment (maximum of 100 points):			
Pre-exam obligations	points	Final exam	points
Active class participation	5	written exam	-
Practical work	5	oral exam	55
Preliminary exam(s)	35	-
Seminar(s)	-		-
The methods of knowledge assessment may differ; the table presents only some of the options: written exam, oral exam, project presentation, seminars, etc.			