

Study Programme: ORGANIC AGRICULTURE			
Course Unit Title: Ruminants breeding in organic farming			
Course Unit Code: 19.ORG020			
Name of Lecturer(s): prof. Ivan Pihler, prof. Denis Kučević,			
Type and Level of Studies: UNDERGRADUATE ACADEMIC STUDIES			
Course Status (compulsory/elective): elective			
Semester (winter/summer): summer			
Language of instruction: Serbian			
Mode of course unit delivery (face-to-face/distance learning): both			
Number of ECTS Allocated: 5			
Prerequisites:			
Course Aims: Education and training students to engage in direct work and organization of organic cattle, sheep and goat products.			
Learning Outcomes: The expert is able to work on organizing and conducting organic cattle, sheep and goat production in farms of different capacities.			
Syllabus: <i>Theory</i> The importance of cattle, sheep and goat, the origin of cattle, sheep and goats and historical development of cattle, sheep and goats. Types of cattle, sheep and goats and systematics race. Specifics reproduction of cattle, sheep and goats, and grounds. The basic principles of organic cattle, sheep and goat products. Locations suitable for organic cattle breeding, sheep and goats. Production standards and legislation. Organic production in cattle, sheep and goats: accommodation, nutrition, hygiene and disease prevention, growth technology, quality grade carcasses, milk and wool (in sheep). <i>Practice</i> Origin and domestication of cattle, sheep and goats, identification and determination of race categories mentioned species, marking - legislation. Practical application of the parent records in sheep breeding, testing the quality of wool			
Required Reading: 1. Vaarst M.: Animal Health and Welfare in Organic Agriculture, Wallingford, UK: CABI Publishing 2004. 2. Padgham J et al.: Organic Dairy Farming: A Resource for Farmers, Gays Mills, W. Orang-utan Press, USA 2006.			
Weekly Contact Hours:	Lectures: 3	Practical work: 2	
Teaching Methods: Lectures, and Practical classes, field Exercise			
Knowledge Assessment (maximum of 100 points):			
Pre-exam obligations	points	Final exam	points
Active class participation	10	written exam	
Practical work	10	oral exam	40
Preliminary exam(s)	40	
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.			