

<b>Study program:</b> Organic crop and livestock production			
<b>Type and level of study:</b> Bachelor academic studies			
<b>Course Title:</b> BIODIVERSITY AND AGRICULTURE			
<b>Professors:</b> Dr. Danka Radić, Assistant professor			
<b>Status:</b> Compulsory, semester III			
<b>ECTS:</b> 7			
<b>Prerequisite:</b> None			
<b>The goal of the course</b> Introducing the causes and consequences of disruption and loss of biodiversity.			
<b>The outcome of the course</b> Acquisition of knowledge of the need for protection, conservation and enhancement of biodiversity and putting into operation sustainable development and wise use.			
<b>Syllabus</b> <i>Theoretical study</i> – The concept and importance of biodiversity, aspects of biodiversity conservation, anthropogenic factors that threaten biodiversity, negative effects of certain activities, international and national laws and regulations, threatening factors of pollution of air, water and soil, types of biodiversity, biodiversity of vulnerable ecosystems, conservation and restoration, protection strategy biodiversity. The basic principles of sustainable agriculture, the structure and function of natural and agroecosystems, biodiversity and sustainability of agroecosystems, agroecosystems and climate change, biodiversity of agroecosystems, sustainable agriculture - application and methodology. <i>Practical lessons</i> - Well-known examples related to the causes and consequences of harmful effects of environmental factors on biodiversity and measures for their removal, review case studies, visits to the protected natural resources, and cooperation with organizations for the protection of natural resources, participation in the relevant international conventions.			
<b>Literature</b> Joseph C. Cooper, Leslie Lipper, David Zilberman (2005). Agricultural Biodiversity and Biotechnology in Economic Development, Natural Resource Management and Policy, Springer US, 499 p.  Boris Kryštufek, Jane M. Reed (auth.), Huw I. Griffiths, Boris Kryštufek, Jane M. Reed (eds.) (2004). Balkan Biodiversity: Pattern and Process in the European Hotspot. Springer Netherlands. 358 p			
<b>Number of lectures:4</b>			Other Lessons
Lectures: 2	Practices: 2	Other forms of teaching:	Student research work:
<b>Teaching methods:</b> Lectures, discussions with students, experimental exercises, preparation and public defense of practical applied work.			
Score (maximum 100 points)			
<b>Pre-commitments</b>	<b>Points</b>	<b>The final exam</b>	<b>Points</b>
Activity during lectures	10	Written exam	
Practical lessons	10	Oral examination	50
Preliminary exams	2 x 10		
Seminars	10		
<i>Total</i>	50		50