

Course Unit Descriptor

Study Programme: Organic Agriculture			
Course Unit Title: Biology			
Course Unit Code: 19.ORG002			
Name of Lecturer(s): Prof. dr Ljiljana Nikolić, prof. dr Aleksandar Jurišić			
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: Botany - Introduce students to the structure of plants, their functions, systematics of plants with emphasis on taxa important for organic agricultural production. Zoology - Education and training of students for independent determination and determination of animal groups of importance for organic agriculture.			
Learning Outcomes: The knowledge from this course is the basis for the study of other fundamental and applied scientific disciplines - physiology, forage crops, weeds, nutrition, selection and breeding, reproduction, veterinary medicine and zoohygiene.			
Syllabus: <i>Theory</i> Botany: Morphology (cytology, histology, organography) and systematics of angiosperms, important for organic plant production. Zoology: Morphology (anatomy), basics of histology and systematics of selected groups of animals important for organic agriculture. <i>Practical teaching</i> Botany - plant cells and tissues, morphology, anatomy and systematics of angiosperms. Zoology - animal cells and tissues, morphology, anatomy and systematics of animals. <i>Practice</i>			
Required Reading: Jaњатовић, В. (1994): Ботаника. Научна књига, Београд. Николић, Љ., Јуришић, А., Петровић, А. (2013): Практикум из биологије. Универзитет у Новом Саду, Пољопривредни факултет, Graph Style Нови Сад, 1-119. Ђукић Н., Хорватовић А., Катрановски Д., Малетин С., Матавуљ М., Пујин В., Секулић Р., Јуришић А. (2018): Пољопривредна зоологија са екологијом. Пољопривредни факултет, Универзитет у Новом Саду.			
Weekly Contact Hours:		Lectures: 4	Practical work: 3
Teaching Methods: Lectures, Practice, Consultations.			
Knowledge Assessment (maximum of 100 points): 100			
Pre-exam obligations	points	Final exam	points
Active class participation	5	written exam	20
Practical work	5	oral exam	40
Test	20	
Colloquium	10		
The methods of knowledge assessment may differ; the table presents only some of the options: written exam, oral exam, project presentation, seminars, etc.			