

<b>Study Programme:</b> ANIMAL PRODUCTION			
<b>Course Unit Title:</b> BIOLOGY			
<b>Course Unit Code:</b> 19.ANM002			
<b>Name of Lecturer(s):</b> prof. Branka Ljevnaić-Mašić, PhD, prof. Aleksandra Petrović, PhD, doc. Ivana Ivanović, PhD			
<b>Type and Level of Studies:</b> Undergraduate academic studies			
<b>Course Status (compulsory/elective):</b> compulsory			
<b>Semester (winter/summer):</b> winter			
<b>Language of instruction:</b> English			
<b>Mode of course unit delivery (face-to-face/distance learning):</b> face-to-face			
<b>Number of ECTS Allocated:</b> 5			
<b>Prerequisites:</b> none			
<b>Course Aims:</b> Botany - Acquisition of necessary knowledge related to the structure of plants, their functions, and plants' taxonomy with an emphasis on plants' importance for animal production. Zoology - Education and training of students for independent identification and definition of certain animal groups important for animal production.			
<b>Learning Outcomes:</b> Knowledge from this course is the basis for the other fundamental and applied courses: physiology, fodder crops, animal nutrition, selection and breeding, reproduction, veterinary, and zoo hygiene.			
<b>Syllabus:</b> <i>Theory</i> Botany - Morphology (cytology, histology, organography) and systematics of Magnoliophyta important for animal production. Zoology: Morphology (anatomy) and taxonomy of selected animal groups important for animal production. <i>Practice</i> Botany - plant cells and tissues, morphology, anatomy, and systematics of Magnoliophyta. Zoology - animal cells and tissues, morphology, anatomy, and taxonomy of animals.			
<b>Required Reading:</b> Janjatović V. (1994): Botanika. naučna knjiga, Beograd. Glim-Lacy J. and Kaufman P.B. (2006): Botany Illustrated - Introduction to Plants, Major Groups, Flowering Plants Families, 2 <sup>nd</sup> Ed. Springer. Blachford S., Blanchfield D.S., Harris M., Jeryan C., Kretschmann K., Springer M. (eds) (2004): Grzimek's Animal Life Encyclopedia's, 16 volumes, Thomson Gale. Đukić N., Horvatić A., Kataranovski D., Maletin S., Matavulj M., Pujin V., Sekulić R., Jurišić A. (2018): Poljoprivredna zoologija sa ekologijom. Poljoprivredni fakultet, Univerzitet u Novom Sadu. Nikolić Lj., Jurišić A., Petrović A. (2013): Praktikum iz biologije. Poljoprivredni fakultet, Univerzitet u Novom Sadu. Graph Style, Novi Sad.			
<b>Weekly Contact Hours:</b>	<b>Lectures:</b> 2	<b>Practical work:</b> 2	
<b>Teaching Methods:</b> Theoretical classes - video beam presentations and consultations. Practical classes - independent laboratory exercises with microscopic and macroscopic slides/preparations/examples.			
<b>Knowledge Assessment (maximum of 100 points):</b>			
<b>Pre-exam obligations</b>	points	<b>Final exam</b>	points
Active class participation	5	written exam	20
Practical work	5	oral exam	50
Colloquium	20	.....	
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.			