

Course Unit Descriptor

<b>Study Programme:</b> Animal Science			
<b>Course Unit Title:</b> Poultry nutrition			
<b>Course Unit Code:</b> 3DAI2080			
<b>Name of Lecturer(s):</b> Dr Miloš Lukić			
<b>Type and Level of Studies:</b> Doctoral studies program			
<b>Course Status (compulsory/elective):</b> Elective			
<b>Semester (winter/summer):</b> Summer			
<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> 10			
<b>Prerequisites:</b> None			
<b>Course Aims:</b> To introduce students to the basic principles and methods of poultry nutrition, practical poultry nutrition and actual scientific research and scientific methods applied in this field.			
<b>Learning Outcomes:</b> Formation of highly specialized scientists with broad knowledge in the field of poultry nutrition. This course gives them the scientific competence and knowledge work in production companies or research institutions.			
<b>Syllabus:</b> <i>Theory</i> Introduction. The basic principles of poultry nutrition. Feed formulation: determination of the specific needs of different breeds and lines of poultry; factors that influence the nutritional needs of poultry. Feedstuffs and additives in poultry nutrition. Feed quality and safety. Specific programs of poultry nutrition: functional food, production poultry products of specific quality, feeding poultry in organic production.  <i>Practice</i> Software solutions and programs for feed optimization; software modeling of poultry response on different feeding programs; modern management and equipment in feed mills and farms; biological testing of feed.			
<b>Required Reading:</b> <ul style="list-style-type: none"> <li>• Јокић Ж., Ковчин С., Мирјана Јоксимовић-Тодоровић (2004): Исхрана живине. Пољопривредни факултет, Земун</li> <li>• Leeson S., Summers, J.D. (1997): Commercial Poultry Nutrition, University Books, Guelph, Canada</li> <li>• World's Poultry Science Journal – <a href="http://www.wpsa.com">www.wpsa.com</a></li> <li>• Biotechnology in Animal Husbandry – <a href="http://www.istocar.bg.ac.rs">www.istocar.bg.ac.rs</a></li> </ul>			
<b>Weekly Contact Hours:</b>	<b>Lectures:</b> 4	<b>Practical work:</b> 5	
<b>Teaching Methods:</b> Lectures, Practice/ Practical classes, Consultations.			
<b>Knowledge Assessment (maximum of 100 points):</b>			
<b>Pre-exam obligations</b>	points	<b>Final exam</b>	points
Active class participation	10	written exam	
Practical work		oral exam	50

Preliminary exam(s)	20	.....	
Seminar(s)	20		
The methods of knowledge assessment may differ; the table presents only some of the options: written exam, oral exam, project presentation, seminars, etc.			