

Course Unit Descriptor

Study Programme: Animal Science			
Course Unit Title: Methods of research in poultry science			
Course Unit Code: 3OCT6O24			
Name of Lecturer(s): Dr. Lidija V. Perić			
Type and Level of Studies: Doctoral studies program			
Course Status (compulsory/elective): Elective			
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: 10			
Prerequisites:			
Course Aims: To introduce students to the basic principles and methods of scientific research in poultry and trained them to apply scientific methods in their further research in this field.			
Learning Outcomes: Formation of highly specialized scientists with broad knowledge in the field of scientific research in poultry. This course gives them the scientific competence and knowledge to successfully solve complex problems in research related to poultry production.			
Syllabus: <i>Theory</i> Introduction. The basic principles of scientific research. The application of different research methods in poultry science. Setting up the experiment. Monitoring and control of parameters. Statistical methods for data analysis. Interpretation of results and the use of contemporary literature. Writing and presentation of research papers. <i>Practice</i> Set up and perform the experiment. Control of parameters and statistical analysis. Writing and presentation of scientific paper.			
Required Reading: - P.V.K. Sasidhar (Ed.) 2006. Poultry Research Priorities to 2020. Proceedings of National Seminar (November 2-3). Central Avian Research Institute, Izatnagar-243 122 (India) - McDonald J.H. 2008.: Handbook of Biological Statistics, University of Delaware, http://udel.edu/~mcdonald/statpermissions.html			
Weekly Contact Hours:	Lectures: 3	Practical work: 5	
Teaching Methods: Lectures, Practice/ Practical classes, Consultations.			
Knowledge Assessment (maximum of 100 points):			
Pre-exam obligations	points	Final exam	points
Active class participation		written exam	
Practical work		oral exam	50
Preliminary exam(s)	30	

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.			