

<b>Study Programme:</b> Agronomy			
<b>Course Unit Title:</b> New technologies in the production of pork			
<b>Course Unit Code:</b> 3DAG6I11112			
<b>Name of Lecturer(s):</b> Full professor Ivan Radović			
<b>Type and Level of Studies:</b> Doctor academic studies			
<b>Course Status (compulsory/elective):</b> Optional			
<b>Semester (winter/summer):</b> Summer			
<b>Language of instruction:</b> Serbian, but individual consultations and materials are offered to incoming students in 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> Introduce students to the basic biotechnological methods and their application in the production of pork. The goal is to form professionals capable of scientific research and the application of scientific advances and new technologies in the production of pork.			
<b>Learning Outcomes:</b> Formation of highly specialized scientists with academic education, who are trained to be based on a wider and deeper knowledge in the field of biotechnology involved in scientific research in the field of pig, with the aim of improving pork production.			
<b>Syllabus:</b> <i>Theory</i> The application of biotechnology in animal husbandry. Basic methods - description and application. Biotechnology in pork production. Modern technological methods and their application in nutrition, technology and reproduction of pigs to meat production, and utilization of advanced technological processes in the production of pork. Solving technological problems by using modern technology.  <i>Practice</i>			
<b>Required Reading:</b> 1. Faucitano, L. and Schaefer, L.A.: Welfare of Pigs - From birth to slaughter. Delmar Cengage Learning, 2008. 2. Whittemore, T.C.; Kyriazakis, I.: Whittemore's Science and Practice of Pig Production, 3rd Edition. Blackwell Publishing, 2006. 3. John McGlone & Wilson G. Pond Pig Production. Biological Principles and Applications. Delmar Publishers, 2002 4. Renaville, R., Burny A.: Biotechnology in Animal Husbandry. 1st Edition. Kluwer Academic Publishers, 2010. 5. Scientific journals, proceedings of scientific papers of national and international importance in the field of pig breeding.			
<b>Weekly Contact Hours:</b>	<b>Lectures: 3</b>	<b>Practical work:</b>	
<b>Teaching Methods:</b> Lectures accompanied by appropriate readings and presentations. Research study. Consultation. Making research work.			
<b>Knowledge Assessment (maximum of 100 points):</b>			
<b>Pre-exam obligations</b>	points	<b>Final exam</b>	points

Activities during lectures		written exam	20
Activity on exercises		oral exam	30
Making scientific work	40	.....	
Term paper	10		

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