

Course Unit Descriptor

<b>Study Programme: Animal Science</b>		
<b>Course Unit Title:</b> Planning and control of production pig farm		
<b>Course Unit Code:</b>		
<b>Name of Lecturer(s):</b> PhD Ivan Radovic, Professor		
<b>Type and Level of Studies:</b> Undergraduate studies		
<b>Course Status (compulsory/elective):</b> Compulsory		
<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> 6		
<b>Prerequisites:</b> None		
<p><b>Course Aims:</b></p> <p>The objectives of the course are education and training of students for direct work in pig production, while preserving the environment in the context of intensive production. In addition, the student should be able to apply new biotechnology in livestock production, as well as to gain a clear insight into the impact of livestock production on the natural environment, and to know how to prevent harmful effects of cattle production on the environment.</p>		
<p><b>Learning Outcomes:</b></p> <p>The outcome of the study process is the formation of experts with academic education that possesses significantly expanded and deepened knowledge in relation to the knowledge acquired in secondary school, as well as knowledge necessary for understanding the scientific basis in the field of livestock-pig production. Acquired knowledge of students completed basic academic studies provides expertise for working on agricultural laboratories: combines, cooperatives, entrepreneurial companies and own farms engaged in livestock production, advisory expert services, secondary school education and the like.</p>		
<p><b>Syllabus:</b></p> <p><i>Theory</i></p> <p>Breeding goal. Breeding program. Selection of race. Directions in pig breeding. Application software. Analysis of the data of the records of the records and production results of the farm. Technology of production of breeding material.</p> <p>Technology of non-fermentation</p> <p><i>Practice</i></p> <p>Technical-technological solutions for accommodation. Getting acquainted with the technique of working with an ultrasonic device. Assessment of lean meat on the line of slaughter. The program envisages two field exercises and a visit to farms and slaughterhouses in order to familiarize themselves with technology and work organization.</p>		
<p><b>Required Reading:</b></p> <p>1. McGlone, J.; Pond, W.; Biological Principles and Applications. Thomson Learnig. USA., 2003.</p> <p>2. Scientific journals, proceedings of scientific papers of national and international importance in the field of pig breeding.</p>		
<b>Weekly Contact Hours: 45</b>	<b>Lectures: 30</b>	<b>Practical work:</b>
<b>Teaching Methods:</b>		

Lectures and students group work			
<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	20
Practical work	20	oral exam	30
Preliminary exam(s)		.....	
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.			