

<b>Study Programme:</b> Animal Production
<b>Course Unit Title:</b> Technology Of Pig Production
<b>Course Unit Code:</b> 19.ANM028
<b>Name of Lecturer(s):</b> Full professor Ivan Radović, assistant MSci Mile Mirkov
<b>Type and Level of Studies:</b> Undergraduate academic studies
<b>Course Status (compulsory/elective):</b> Compulsory
<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> 6
<b>Prerequisites:</b> None
<p><b>Course Aims:</b></p> <p>The aim of the study program is to educate and train students for professional and scientific work in the field of pig production technology. The acquired level of knowledge ensures that trained professionals can easily, efficiently and competently apply this knowledge in practical production, as well as in scientific research work.</p>
<p><b>Learning Outcomes:</b></p> <p>The outcome of the course is a student who has acquired theoretical and practical education in the field of pig production technology with the following abilities (skills), or competencies: the ability to understand and solve problems in various situations that arise during work, the ability to integrate knowledge into solving complex problems, the ability to logically reason with available information, formulating one's own opinion, assumptions and drawing conclusions, ability for independent and team research work, ability to lead research teams and organizations.</p>
<p><b>Syllabus:</b></p> <p><i>Theory</i></p> <p>The importance of pig - socio-economic and biological. Characteristics of pig production industry. Types and breeds of pigs. Selection and breeding. The choice of race. Constitution and condition. Characteristics of growth. Inheritance of qualitative and quantitative traits. Evaluation of the breeding values. Registry records in pig breeding</p> <p><i>Practice</i></p> <p>Categories pigs. Calculation of gain, feed intake and fertility indicators. Pig breeds. Identification of animals. Records (organization, forms, method of keeping the books and patterns, the use of automated data processing). Characteristic of the mixture for feeding of certain categories of pigs. Getting to know the technique of working with ultrasound machine, determining linear measures, Assessment of meatiness in the slaughter line. Programs To predict two field trips and visiting farms and slaughterhouses in order to introduce technology and work organization</p>
<p><b>Required Reading:</b></p> <ol style="list-style-type: none"> <li>1. Teodorović, M. ; Radovic, I (2004): Pig production. Textbook. Faculty of Agriculture, University of Novi Sad,</li> <li>2. Uremović, Mary; Uremović, Z©1997): Pig production. Textbook. Faculty of Agriculture, University of Zagreb,</li> <li>3. Vidovic, V. ; Višljčić, V. ; Jigović, D. ; Punoš Desanka Vukovic, N (2011): Practical pig production. Association of producers and pig meat Requests - Novi Sad</li> <li>4. Kralik, Gordana; Kušec, G. ; Kralik, G. ; Margeta, V. (2007): Pig - Biological and Zootechnical Principles. Faculty of Agriculture, University of Josip Juraj Strossmajer in Osijek.</li> </ol>

5. McGlone, J.; Pond, W. (2003): Pig Production. Biological Principles and Applications. Thomson Learnig. USA.
6. Scientific journals, proceedings of scientific papers of national and international importance in the field of pig breeding.

**Weekly Contact Hours:**

**Lectures: 2**

**Practical work: 2**

**Teaching Methods:**

The theoretical part of teaching will be performed in classrooms, ie exercise books with the use of presentations, video animation and movies. Part of the practical classes is intended for field exercises and a tour of the farms..

**Knowledge Assessment (maximum of 100 points):**

<b>Pre-exam obligations</b>	points	<b>Final exam</b>	points
Active class participation	10	written exam	20
Practical work	10	oral exam	40
Preliminary exam(s)	10	.....	
Seminar(s)	10		

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