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| **STUDY PROGRAMME:** | **Professional Graduate Study Programme *Agriculture* – *Sustainable and Organic Agriculture*** | |
| **Course:** | **ORGANIC PIG RAISING** | |
| **Course code:** 273338  **Course status**: elective | **Semester: II** | **ECTS credits: 4** |
| **Course holder:** | **Tatjana Jelen,** Ph.D., professor of professional studies | |
| **Modes of delivery:** | **Number of hours** | |
| Lectures | 20 | |
| Excersises | 15 | |
| Seminars | 5 | |

**COURSE OBJECTIVES:** To train students for independent organization of pig production according to the principles of organic farming

**COURSE CONTENT**

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|  |  | **Modes of delivery:** | | | **Places of delivery** |
|  | **Course units** | **L, E, S** | | |
|  | Introduction | 1 |  |  | Lecture Room |
|  | The importance and principles of organic pig breeding | 1 |  |  | Lecture Room |
|  | Pig welfare in organic farming | 2 |  |  | Lecture Room |
|  | Accommodation, basic zootechnical standards | 4 |  |  | Lecture Room |
|  | Basic principles of nutrition and treatment | 4 |  |  | Lecture Room |
|  | Pig breeds | 2 |  |  | Lecture Room |
|  | Reproduction and selection of pigs | 3 |  |  | Lecture Room |
|  | The specifics of feeding in organic pig breeding | 3 |  |  | Lecture Room |
|  | Basic provisions on organic farming in pig farming |  | 3 |  | Lecture Room |
|  | Meeting basic ethological and physiological needs |  | 3 |  | Lecture Room |
|  | Estimation of breeding value, selection of breeds for organic breeding |  | 3 |  | Lecture Room |
|  | Product quality, declaration and labelling |  | 3 |  | Lecture Room, Lab |
|  | Organization of organic production on a pig farm |  | 3 |  | Field work  Lecture Room |
|  | Seminars and Field work.  Students are required to attend one organized field trip related to the course and make a report from the field trip and a presentation that they present in the group. The group size is 3-6 students. The report is linked to other items and linked to the integrated task. |  |  | 5 | Field work  Lecture Room |
| **In total** | | **20+15+5** | | |  |

**L=Lectures, E=Excersises, S=Seminars**

**LEARNING OUTCOMES (LO)**

LO 1. Propose ecological husbandry systems and the possibility of use/exploitation for certain breeds of pigs

LO 2. Plan breeding methods, preventive health care, carrying out selection and reproduction while respecting welfare measures and legal provisions in organic pig farming

LO 3. Evaluate the quality, valorize the declaration and labels of products originating from organic pigs

LO 4. Assess the possibility of organic pig production on farms

LO 5. Recommend improvements in organic pig farming using an example from practice

Course holder:

Tatjana Jelen, Ph.D., professor of professional studies

Križevci, July 2024