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| **STUDY PROGRAMME:** | **Professional Undergraduate Study Programme *Agriculture***  Specific field of study: Plant production, Zootechnics and Management in agriculture | |
| **Course:** | **BIOETHICS** | |
| **Course code:** 192573  **Course status**: elective | **Semester: III** | **ECTS credits: 4** |
| **Course holder:** | **Sandra Kantar,** Ph.D., professor of professional studies | |
| **Modes of delivery:** | **Number of hours** | |
| Lectures | 30 | |
| Excersises, | 15 | |
| Seminars | 15 | |

**COURSE OBJECTIVES:** To acquaint students with an innovative bioethical approach to moral issues in the context of scientific and technical progress in modern society. The course aims to place special emphasis on bioethical topics in agriculture.

**COURSE CONTENT**

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|  | **Course units** | **Modes of delivery:** | | | **Places of delivery** |
| **L** | **E** | **S** |
| 1. | Introduction to the course.  Familiarization with literature, seminar topics and the method of taking the exam. Schedule on the course. | 4 | - | - | Classroom |
| 2. | Basics of bioethics.  Bioethical topics and basic terms. Origin and development of bioethics and agricultural bioethics. Development of bioethics in Croatia, Europe and the world. Bioethical education in Croatia. Sensitization for bioethical topics. Pluriperspectivism in bioethics. | 4 | - | 1 | Classroom |
| 3. | Social aspects of bioethics. Bioethical topics in urban and rural society. Global society, globalization and bioethical topics. | 4 | - | 1 | Classroom |
| 4. | Food production and bioethics. The phenomenon of food and nutrition in Croatia, Europe and the world. Hunger and poverty as a bioethical problem in Croatia, Europe and the world. | 4 | - | 1 | Classroom |
| 5. | Task 1: Bioethical aspects of hunger and poverty – a selected example | - | 1 | - | Classroom |
| 6. | Life and health in a bioethical perspective. Medical ethics and bioethics. The right for life. Bioethics and sport. | 2 | - | 1 | Classroom |
| 7. | Task 2: Bioethics and sport - selected example | - | 1 | - | Classroom |
| 8. | Bioethics between religion and science. Theological aspects of bioethics. The role of religion and science in the development of bioethics. Scientific experiments. | 2 | - | 1 | Classroom |
| 9. | Task 3: Experiments on humans - selected example | - | 1 | - | Classroom |
| 10. | Bioethics and sustainable development. Responsibility for life and the environment. Human life in harmony with nature. | 4 | - | 1 | Classroom |
| 11. | Task 4: Destruction of life and environment - selected example | - | 1 | - | Classroom |
| 12. | Biological diversity and bioethics. Soil as a bioethical problem. Water as a bioethical problem. Biological diversity in Croatia. Biological diversity in Europe and the world. | 2 | - | 1 | Classroom |
| 13. | Task 5: Endangerment of soil and/or water – selected example | - | 1 | - | Classroom |
| 14. | Bioethics in animal husbandry. The moral status of animals and their rights. Veterinary bioethics. Animal cloning. | 2 | - | 1 | Classroom |
| 15. | Task 6: Using animals for food and clothing - selected example | - | 1 | - | Classroom |
| 16. | Bioethics in plant production. Genetically modified organisms. Genetic engineering. Breeding of plants. | 2 | - | 1 | Classroom |
| 17. | Task 7: GMOs and the creation of new species - a selected example | - | 1 | - | Classroom |
| 18. | Presentation of seminars and assignments. | - | - | 6 | Classroom |
| 19. | Field training includes participation in a professional lecture, workshop, domestic or international conference on bioethics (in situ/on-line), and a visit to an institution or company that has a pronounced bioethical dimension. | - | 8 | - | Out of KUAS |

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

**LEARNING OUTCOMES (LO)**

LO 1. Discover the importance of basic bioethical topics for contemporary society

LO 2. Assess the importance of current bioethical dilemmas on a concrete example and situation

LO 3. Critically judge current bioethical topics and form ethical attitudes

LO 4. Write and orally present the selected bioethical topic

LO 5. Write thematic tasks

Course holder:

Sandra Kantar, Ph.D., professor of professional studies

Križevci, July 2024