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| Course: | *ANIMAL MORPHOLOGY* |
| Course id: 3OST1O03 |
| Number of ECTS: 7 |
| Teacher: | Prof. dr Dragan Žikić |
| Course status | Mandatory |
| Number of active teaching classes (weekly) |
| Lectures: 4 | Practical classes: 4 | Other teaching types: | Study research work: | Other classes: 2 |
| Precondition courses | None/navesti ako ima |
| 1. Educational goal

The aim of the course is that students learn the fundamentals of macroscopic and microscopic structure of different body systems and individual organs. The knowing of structure is necessary for further study and represent the basis for successful livestock production. |
| 1. Educational outcomes

After passing the exam in animal morphology, students have the necessary knowledge to understand the physiological processes in the body, but also for further subjects (animal husbandry, reproduction, nutrition, breeding and production technology by individual livestock species). |
| 1. Course content

Theoretical lessons:The topographical terms, the evolution of organisms, cells composition, organelles, tissues, osteology and myology, parts and structure of the cardiovascular and lymphatic systems, components and structure of the nervous system and senses, the neuroendocrine system, the structure of the skin and mammary glands, body cavity structure and digestive, respiratory systems, kidney structure and other organs of excretion, male and female reproductive organs, basic knowledge about embryologyPractical lessons:1. Microscope and microscopy; 2. Cytology; 3. Histology; 4. Osteology; 5.Miology; 6. Angiology; 7. Neurology; 8. Neurology; 9. The endocrine system; 10. Skin and skin products; 11. Digestive system; 12. Respiratory system; 13. Urinary system; 14. Male genital organs; 15. Female genital organs |
| 1. Teaching methods

In lectures used a prepared presentation of lessons and practical work involved training on models and on samples brought from slaughterhouses, as well as the observation of items tissues and organs using a microscope |
| Knowledge evaluation (maximum 100 points) |
| Pre-examination obligations | Mandatory | Points | Final exam | Mandatory | Points |
| Lecture attendance | Yes | 3 |  *Written part of the exam-tasks and theory* | Yes | 55 |
| Test | Yes | 40 |  |
| Exercise attendance | Yes | 2 |
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| Literature  |
| Ord. | Author | Title | Publisher | Year |
|  | Konig HE, Liebich HG. | Veterinary anatomy of domestics mammals | Schattauer | 2003 |
|  | Šijački N, Pantić-Jablan O, Pantić V. | Morfologija životinja | Naučna knjiga, Beograd | 1998 |

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| Znak univerziteta | UNIVERSITY OF NOVI SADFACULTY OF AGRICULTURE 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 8 | Znak fakulteta2 |
| Study Programme AccreditationUNDERGRADUATE ACADEMIC STUDIES *ANIMAL SCIENCE* |
| Table 5.2 Course specification |