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| Course: | *Management of Livestock Production* |
| Course id:3ОСТ8О33 |
| Number of ECTS:5 |
| Teacher: | Danica V. Bošnjak; Nataša B. Vukelić |
| Course status | Mandatory |
| Number of active teaching classes (weekly) |
| Lectures:3 | Tutorials:2 | Other teaching types: | Study research work: | Other classes: |
| Precondition courses | None |
| 1. Educational goal

Introducing students to the regularities and methods of rationally organizing production and work in livestock farming in order to accomplish the best possible results in a production unit with regard to economic production.  |
| 1. Educational outcomes

Upon completing the course, students are able to implement methods of rational organization and thus contribute to economically justified livestock production. |
| 1. Course content

*Theoretical instruction*Object of study and its connection to other studying disciplines. Organizational characteristics of ruminants and non-ruminants production. Possibilities and perspectives of unconventional livestock production. Livestock production functions in the process of social reproduction. Distribution of livestock production in regions and on farms. Organization: herd and livestock population structure, livestock number changes during production cycles, i.e., planned periods.Industrial and biological production system in livestock production. Feeding organization, ruminant feed plan and balance, food securing dynamics for non-ruminants and unconventional livestock production. Production lines, types and volumes of production units. Choosing technological solutions and equipment. Optimal utility period for breeders and the best moment to sell products. Management and organization of animal breeds’ production and use. Livestock production influence on ecosystem and environment.*Practical instruction*Measuring the level of intensity of agricultural production, measuring the level of specialization, horizontal and vertical integration. Distribution of animal breeds and production lines. Herd size and structure change dynamics during production and planned periods. Reproduction, fertilization and breeding organization. Projection farm size, utility period for breeders and the best moment to sell livestock and livestock products. Types of feed, livestock feed sources and balance. Studying and regulating technological and work process in livestock production.  |
| 1. Teaching methods

Lectures, PowerPoint presentations, group work, discussion groups, field practice. |
| Knowledge evaluation (maximum 100 points) |
| Pre-examination obligations | Mandatory | Points | Final exam  | Mandatory | Points |
| Lecture attendance | Yes/No | 5 | *Oral exam* | Yes | 45 |
| Test | Yes/No | 2x20 |  |
| Tutorials attendance | Yes/No | 10 |
|  | Yes/No |  |
| Literature  |
| Ord. | Author | Title | Publisher | Year |
|  | Krstić, B., Lučić, Đ. | Organizacija i ekonomika proizvodnje i prerade stočnih proizvoda | Poljoprivredni fakultet, Novi Sad | 2000 |
|  | Krstić, B., Tomić, R., Sorak, G. | Organizacija i ekonomika stočarske proizvodnje praktikum | Službeni glasnik'', Beograd | 2000 |
|  | Kay R. D., Edwards W. M., Duffy P.A. | Farm Management, sixth edition | McGraw Hill | 2008 |
|  | Field T. G., Taylor R. E. | Scientific Farm Animal Production, An Introduction to Animal Science, ninth edition | Pearson International Edition | 2009 |
|  | Birovljev, J., Tomić, P. | Menadžement u agrobiznisu | Ekonomski fakultet Subotica | 2009 |

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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 PRODUCTION  |
| Table 5.2 Course specification |