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| Course: | *Animal production* |
| Course id: 3ORT3O13 |
| Number of ECTS: 5 |
| Teacher: | Prof.dr Niko Milošević, Prof.dr Mirjana Đukić Stojčić |
| Course status | Mandatory |
| Number of active teaching classes (weekly) |
| Lectures: 4 | Practical classes: 2 | Other teaching types: | Study research work: | Other classes: |
| Precondition courses | None |
| 1. Educational goal

Introduce students to the biological basis of domestic animals (cattle, pigs, sheep and poultry) and characteristic animal production in order to observe the conditionality of animal and crop production. Upon completion of the course animal husbandry,educated professionals who will have a basic knowledge of animal production and the importance of crop production in the cultivation, nutrition, reproduction and use of production potential of domestic animals.  |
| 1. Educational outcomes

Training experts with academic qualifications, who are trained to be based on the basic knowledge in the field animal production, with special practical and scientific preparation, engage in professional activities in the provision of primary conditions (fodder production) for the breeding of domestic animals. The knowledge gained academic bachelor's degree gives academics professional competency and skills of application of general knowledge for successful cultivation of certain types of livestock and livestock production food.  |
| 1. Course content

LecturesThe importance of animal production in agricultural business will be taught in the course. The biological concept of species and breeds of domestic animals. The principles of propagation and increase domestic animals. Basic concepts of breeding domestic animals. Breeding systems and preventative measures to protect domestic animals. Nutrients and nutrition of farm animals.Zoological characteristics especially cattle, pigs, poultry and sheep. Specifics of types and breeds of domestic animals asspecific biological species. Specifics of propagation of each species of domestic animals. The technology of growing domesticanimals per species. Specificity of the nutrition of farm animals by species. Facilities and equipment in livestock (cattle,pig, poultry and sheep farming).Practical classesDomestication and its impact on the physiological, production and exterior changes in domestic animals. Time and reasonsdomestication of animals. The origin, the concept of race and racial traits in domestic animals. The influence of external factorsenvironment on the animal organism. Constitution, fitness and exterior of domestic animals. The selection and testing of production capacity of domestic animals. Cattle, pig, poultry, sheep production.  |
| 1. Teaching methods

Lectures, Practical classes, Consultations, research work. |
| Knowledge evaluation (maximum 100 points) |
| Pre-examination obligations | Mandatory | Points | Final exam (izabrati) | Mandatory | Points |
| Lecture attendance | Yes | 5 | *Oral part of the exam and**written part of the exam-* | Yes | 50 |
| Test | Yes | 40 |  |
| Exercise attendance | Yes | 5 |
| Term paper | Yes | - |
| Literature  |
| Ord. | Author | Title | Publisher | Year |
|  | Petrović Milica | Stočarstvo | Poljoprivredni fakultet, Beograd | 2000. |
|  | Milošević, N.,Perić,L | Tehnologija živinarske proizvodnje | Poljoprivredni fakultet, Novi Sad | 2011 |
|  | Krajnović, M., Šahinović, R., Vegara, M.  | Osnove opšteg stočarstva | Biotehnički fakultet u Bihaću | 2004 |
|  | Taylor, R. E. Field, T. G. | Scientific Farm Animal Production | Colorado State University | 2011 |

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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 Field and vegetable sciences  |
| Table 5.2 Course specification |