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| Course: | Cattle management |
| Course id: | 3ОСТ7О29 |
| Number of ECTS: | 6 |
| Teacher: | Prof. Miroslav Plavšić; Asst.prof. Denis Kučević, associate: B.Sc., Jelena B. Stanivuk |
| Course status | Mandatory |
| Number of active teaching classes (weekly) |
| Lectures: 60 | Practical classes:45 | Other teaching types: | Study research work: | Other classes: |
| Precondition courses | None |
| 1. Educational goal

To familiarize students with basic indicators of cattle production in order to ensure adequate and economically viable production of cattle milk and beef meat. |
| 1. Educational outcomes

The acquired knowledge provides expertise to work in agricultural organization: co-operatives, entrepreneurial firms and their own farms engaged in livestock production, then the advisory professional services, secondary school education etc. |
| 1. Course content

Theory lessonsBiological and economic base of cattle production. Condition of cattle breeding and tendencies of its further development. Systems of cattle production. The founders and relatives cattle. Types of cattle under the direction of production and the most important race - representatives. The technique of breeding cattle to the application procedures for the intensification of fertility. Technology and Systems rearing offspring. The exploitation of cattle in milk production and the impact of physiological and external factors on the phenotypes of dairy traits. Dairy cows. Meat production in cattle. Growing cattle in the system of suckler cows. Basics of genetic improvement of cattle. Rating breeding value and selection of cattle. New biotechnological methods of importance for the improvement of cattle. Keeping systems and facilities for cattle housing. The production and handling of manure. ManagementPractical teaching: Exercise, Other modes of teaching, Study research work Introduction to the exterior of cattle (pictures, slides, models and live animals). Getting to know the specifics of morphological and physiological and production characteristics of different types and breeds of cattle (pictures, slides, models and live animals). Introducing the necessary elements and procedures for implementing the selection bovine animal identification, control, productivity, milk production, meat production, fertility, implementation and support of the parent bookkeeping records, assessment and grading of breeding cattle.Other forms of teaching - field Exercise : Visit cattle farms for the production of milk, meat, dairy, slaughterhouse. |
| 1. Teaching methods

Lectures, and Practical classes, field Exercise |
| Knowledge evaluation (maximum 100 points) |
| Pre-examination obligations | Mandatory | Points | Final exam (izabrati) | Mandatory | Points |
| Lecture attendance | Yes | 10 | Oral part of the exam | Yes | 40 |
| Test | Yes | 2x20 |  |
| Exercise attendance | Yes | 10 |
| Term paper | No |  |
| Literature  |
| Ord. | Author | Title | Publisher | Year |
|  | Чобић Т. - Антов Г | Говедарство - производnja mleka | Print, Novi Sad | 1996 |
|  | Antov G. – Čobić T. | Govedarstvo – Proizvodњa mesa | Poljoprivredni fakultet, Novi Sad, Graph Style | 2001 |
|  | Mitić N., Ferčej J., Zeremski D., Lazarević Lj. | Govedarstvo | Zavod za udžbenike i nastavna sredstva, Beograd | 1987 |
|  | Pavo, C. | Govedarstvo | Celeber Zagreb | 1996 |
|  | Vujčić, S. | Pasmine goveda | Prosjveta, Bjelovar | 1991 |
|  | Nenadović M. | Govedarstvo I | Univerzitet u Novom Sadu, Poljoprivredni fakultet, Novi Sad | 1980 |

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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 |