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| Course: | *Livestock Production and Nutrition* |
| Course id:3ОАЕ2О08 |
| Number of ECTS:5 |
| Teacher: | Miroslav V. Plavšić; Dragan M. Glamočić;Denis Kučević; Mirko Ivković |
| Course status | Mandatory |
| Number of active teaching classes (weekly9 |
| Lectures: 4 | Tutorials: 2 | Other teaching types: | Study research work: | Other classes: |
| Precondition courses | None |
| 1. Educational goal

Gaining basic knowledge in the field of livestock production, nutrition and feed. |
| 1. Educational outcomes

Finishing the course, student are familiar with biological and technological bases of livestock production, characteristics of livestock feed, livestock nutrition needs and the main principles of feeding different species and categories of livestock. |
| 1. Course content

*Theoretical instruction*Introduction. Breeds and their classification. Livestock fertility and reproduction. Growth and development. Livestock rearing methods. Cattle farming. Pig farming. Fowl farming. Sheep farming. Nutritional elements. Digestion and metabolism. Feeds for ruminants. Financial value of feeds. Livestock nutrition. Feeds for non-ruminants. Pig nutrition. Fowl nutrition.*Practical instruction*The concept of domestic and tamed animal. Breeds and their classification. Fertility and reproduction. Growth and development. Built and strength. Domestic animal selection. Farming methods. Environmental influence on domestic animals. Feeds: sampling and quality assessment. Calculating financials value of feeds. Composing meals and mixes for domestic animals. |
| 1. Teaching methods

Classes dedicated to theory are accompanied by PowerPoint presentations and includes active participation by students. Tutorials include solving practical tasks and demonstrations.  |
| Knowledge evaluation (maximum 100 points) |
| Pre-examination obligations | Mandatory | Points | Final exam  | Mandatory | Points |
| Lecture attendance | Yes/No | 5 | Written examOral exam | Yes | 3040 |
| Test | Yes/No | 20 |  |
| Practical work | Yes/No | 5 |
|  | Yes/No |  |
| Literature  |
| Ord. | Author | Title | Publisher | Year |
|  | Petrović Milica | Stočarstvo | Poljoprivredni fakultet, Beograd | 2000 |
|  | Krajinović M., Čobić T., Ćinkulov M. | Opšte stočarstvo | Poljoprivredni fakultet, Novi Sad | 2000 |
|  | Petrović M., Radojković, D. | Stočarstvo- Praktikum | Poljoprivredni fakultet, Beograd | 2002 |
|  | Jovanović R., Dujić D., Glamočić D. | Ishrana domaćih životinja | Poljoprivredni fakultet, Novi Sad | 2001 |
|  | Glamočić D. | Ishrana preživara – Praktikum | Poljoprivredni fakultet, Novi Sad, | 2002 |