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| Course: | *Ruminant nutrition* |
| Course id: 3OST6O26 |
| Number of ECTS: 5 |
| Teacher: | Dragan Glamočić |
| Course status | Mandatory |
| Number of active teaching classes (weekly) |
| Lectures:3 | Practical classes: 3 | Other teaching types: | Study research work: | Other classes: |
| Precondition courses | None/navesti ako ima |
| 1. Educational goal

Acquisition of theoretical and practical knowledge from the field of modern nutrition of various types and categories of ruminants with a goal of practical application. |
| 1. Educational outcomes

Ability of the student to apply the acquired knowledge in ruminant nutrition. Ability to use and analyze scientific literature, gather and interpret relevant information for making judgments, devise and defend arguments and solve problems in animal nutrition. Ability to communicate information, ideas, problems and solutions. |
| 1. Course content

*Theory lessons*Cows: prediction of voluntary dry matter intake, nutrients and energy requirement, nutrition of cows in the production cycle, body condition score, systems for cows feeding metabolic disorders and their economic importance, factors that influence the composition of milk. Feeding calves: liquid diet, feeding starter diets, weaning calves, requirements, recommendations. Feeding heifers: nutrition goals, requirements, recommendations, nutrition of beef cattle. Sheep feeding. Goat feeding. The legislation of significance for animal nutrition.*Practical teaching: Exercise, Other modes of teaching, Study research work*Calculation of the monetary value of nutrients, Rationing of different types and categories of ruminants, field trips. |
| 1. Teaching methods

Lectures, Practice/ Practical classes |
| Knowledge evaluation (maximum 100 points) |
| Pre-examination obligations | Mandatory | Points | Final exam  | Mandatory | Points |
| Lecture attendance | Yes | 5 | *Theoretical part of the exam/Oral part of the exam* | Yes | 40 |
| Test | Yes | 50 |  |
| Exercise attendance | Yes | 5 |
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| Literature  |
| Ord. | Author | Title | Publisher | Year |
|  | Glamočić D. | Ishrana preživara, praktikum | Poljoprivredni fakultet, Novi Sad | 2002 |
|  | Grubić G, Adamović M. | Ishrana visokoproizvodnih krava | PKB Agroekonomik, Beograd | 2003 |
|  | Jovanović, R. | Ishrana krava | Poljoprivredni fakultet, Novi Sad | 1998 |
|  | Jovanović, R., Dujić D., Glamočić D. | Ishrana domaćih životinja | Poljoprivredni fakultet, Novi Sad | 2001 |

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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 |