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| Course: | *Cattle nutrition* |
| Course id: 3MST1I17 |
| Number of ECTS: 6 |
| Teacher: | Dragan Glamočić |
| Course status | Mandatory |
| Number of active teaching classes (weekly) |
| Lectures:2 | Practical classes: 2 | 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 cattle feeding in intensive production with a goal of practical application. |
| 1. Educational outcomes

Ability of the student to apply the acquired knowledge in nutrition of various categories of cattle. Ability to use and analyze scientific literature. |
| 1. Course content

*Theory lessons*Feeding calves: liquid diet, feeding starter diets, weaning calves, requirements, recommendations. Feeding heifers: nutrition goals, requirements, recommendations, nutrition of beef cattle. 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. *Practical teaching: Exercise, Other modes of teaching, Study research work*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 | 10 | *Theoretical part of the exam/Oral part of the exam* | Yes | 40 |
| Test | Yes | 40 |  |
| Exercise attendance | Yes | 10 |
|  |  |  |
| 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 |
|  | National Research Council | Nutrient Requirement of Dairy Cattle | National Academies Press, Washington, USA | 2001 |

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| Znak univerziteta | UNIVERSITY OF NOVI SADFACULTY OF AGRICULTURE 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 8 | Znak fakulteta2 |
| Study Programme AccreditationMASTER ACADEMIC STUDIES *ANIMAL SCIENCE* |
| Table 5.2 Course specification |