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| Course: | *Introduction to Еnvironmental Мanagement* |
| Course id: 3OST5I42 |
| Number of ECTS: 6 |
| Teacher: | Vesna Rodić |
| Course status | Elective |
| Number of active teaching classes (weekly) |
| Lectures: 2 | Practical classes: 2 | Other teaching types: | Study research work: | Other classes: |
| Precondition courses | None |
| 1. Educational goal: Intensive agriculture, and within it livestock production, in modern conditions increasingly threatens environment, which instead of stimulating factor becomes a constraint for development. The goal of the course is to empower students’ abilities to perceive the relationship between agriculture and environment, to familiarize them with causes, sources, types and forms of threats to the environment, economically reasonable measures, as well as instruments for environmental protection and pollution control
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| 1. Educational outcomes: After this course students (prospective decision makers) understand the importance of and the need for sustainable development, they are able to holistically perceive relationship between livestock production and the environment and to organize sustainable livestock production
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| 1. Course content: Lectures (Theoretical basis): Introduction; The main environmental problems of modern society; The main causes of contemporary ecological crisis; Natural resources - concept and classification; The problems of resource management in less developed countries; The concept of sustainable development; The interdependence of agriculture, especially livestock production and the environment; Livestock production as a polluter of the environment; Strategies for reducing the negative impacts; Environmental friendly livestock production; Environmental monitoring; Instruments for environmental management; Institutional and legal framework for environmental management;

Practical classes are conducted through team work and active participation of students in discussions on selected topics. Topics are tailored to the interests of students and the corresponding current problems in this area. Possible topics include: Millennium development goals; The causes and consequences of climate change; Local environmental problems and actions; Population explosion and urbanization; Environmental awareness; The importance of the standards in environmental management; Recycling; Alternative sources of energy; Agriculture as a source of energy; The main livestock-environment links; Manure management; Different forms of environmental friendly production; Organic production as an environmentally friendly form of production. |
| 1. Teaching methods: Traditional lectures based on Power Point presentations, seminars, discussion groups, consultations
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| Knowledge evaluation (maximum 100 points) |
| Pre-examination obligations | Mandatory | Points | Final exam (izabrati) | Mandatory | Points |
| Lecture attendance | Yes/No | 5 | *Oral part of the exam*  | Yes | 55 |
| Test | Yes/No | 25 |  |
| Exercise attendance | Yes/No | 5 |
| Seminar paper | Yes/No | 10 |
| Literature  |
| Ord. | Author | Title | Publisher | Year |
| 1. | Rodić, Vesna | Environmental and Natural Resources Management - course reader available free of charge  | Faculty of Agriculture, Novi Sad | 2012 |
| 2. | Jonathan Harris | Environmental and Natural Resource Economics: A Contemporary Approach (translated into Serbian) | DATA status Belgrade | 2009 |
| 3.  | Milanović, M., Cvijanović, D., Cvijanović, G. | Prirodni resursi – ekonomija, ekologija, menadžment (Natural Resources - Economy, Ecology, Management) | Institute for Agricultural Economics Belgrade | 2008 |
| 4. | Steinfeld, H., Gerber, P., Wassenaar, T. D., Castel, V., De Haan, C. | Livestock's Long Shadow: Environmental Issues and Options | FAO (free downloadable material) | 2006 |
| 5. | Golušin, Mirjana | Ekomenadžment (Ecomanagement) | Faculty for Entrepreneurial Management Novi Sad | 2006 |
| 6.  | Bošković, J., Ivanc, A., Simić, J. | Održivi razvoj poljoprivrede i zaštita životne sredine (Sustainable agricultural development and environmental protection) | Megartend univerzitet, Beograd | 2003 |
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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 |