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| Course: | **Management of sustainable agricultural development** |
| Course id: |
| Number of ECTS:5 |
| Teacher: | Vesna Rodić |
| Course status | Elective |
| Number of active teaching classes (weekly) |
| Lectures:60 | Tutorials:30 | Other teaching types: 30 | Study research work: | Other classes: |
| Precondition courses | None |
| 1. Educational goal

The aim of this course is to highlight the unsustainability of conventional agricultural production and the necessity of sustainable production forms, and to introduce students to the types of measuring of sustainable development and instruments used to secure sustainability. |
| 1. Educational outcomes

Upon the completion of this course, students will realize the unsustainability of contemporary agricultural production and be capable of holistically viewing the interdependence of agriculture and environment. They will be able to organize production I accordance with the sustainable development principles.  |
| 1. Course content

*Theoretical Instruction* Introduction; The concept of sustainable development; Sustainability principles; Economic, ecological and social dimension of sustainable development; Sustainable management of resources; Measuring sustainable development; Pressure-state-response model (PSR); DPSIR model; National account model; Sustainable development indicators;Traditional economic indicators vs. sustainability indicators; Sector indicators; External costs in agriculture; Sustainable agricultural systems; Economic and environmental efficiency of sustainable agricultural systems; Sustainable development restrictions in Serbia; Importance of diversification for the sustainability of rural areas; Institutional framework; The role of the state; Extension service role; Local community role; Instruments securing sustainability; Monitoring and evaluating sustainable development of agriculture. *Practical Instruction* Tutorials are in accordance with the lectures. They include seminar work, active participation in discussions on selected topics, group work and workshops. Topics are adjusted to students’ interests and correspond to the current issues in this field. |
| 1. Teaching methods

Lectures, seminar papers, discussion groups, mentoring, field practice (visiting institutions or economic entities). |
| Knowledge evaluation (maximum 100 points) |
| Pre-examination obligations | Mandatory | Points | Final exam  | Mandatory | Points |
| Lecture attendance | Yes/No | **10** | *Written exam**Oral exam* | Yes | 1030 |
| Tutorials | Yes/No | **10** |  |
| Seminar papers | Yes/No | **40** |
|  | Yes/No |  |
| Literature  |
| Ord. | Author | Title | Publisher | Year |
|  | DŽonatan H. | Ekonomija životne sredine i prirodnih resursa: savremeni pristup | Datastatus, Beograd | 2009 |
|  | Pretty, J. | The Еаrthscan Reader in Sustainable Agriculture | National Academies Press, Earthscan, Јames and James | 2005 |
|  | Tietenberg, T. | Environmental Economics and Policy | Pearson, Addison Wesley | 2004 |
|  | Vujošević, M., Filipović, M | Održivi razvoj u SCG: Institucionalno prilagođavanje rešenjima i praksi u EU | Ekonomski fakultet, Beograd | 2006 |
|  | Munitlak Ivanović,O. | Ekološki aspekti održivog razvoja – međunarodna i regionalna komparacija, doktorska disertacija | Ekonomski fakultet Subotica  | 2006 |
|  | Baćanović, D. | Indikatori održivog razvoja i procena nivoa održivosti razvoja AP Vojvodine, doktorska disertacija | ACIMSI, Univerzitet u Novom Sadu | 2005 |
|  | OECD | Environmental Indicators for Agriculture | Vol. 3: Methods and Results | 2001 |