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| Course: | ***Agroforestry in rural development*** |
| Course id: 2MRR2I32 |
| Number of ECTS: 5 |
| Teacher: | Prof. dr Saša Orlović;  |
| Course status | Elective |
| Number of active teaching classes (weekly) |
| Lectures:2 | Tutorials :2 | Other teaching types: | Study research work: | Other classes: |
| Precondition courses |  |
| 1. Educational goal

The aim of the course is for students to learn about the significance of agroforestry systems for rural development through refinement of the landscapes, which is a combination of agricultural and forestry techniques and alternative land use. |
| 1. Educational outcomes

Students are able to further developtheir knowledge through doctoral studies for scientific work in the field of rural development. |
| 1. Course content

*Theoretical instruction*The importance of agroforestry for agriculture and forestry in the lowland of Serbia. Alleys of forest and agricultural plants. Farmer forestry. Other forest products. Planning and design. Economic and social importance. Forest plantations and pastures. Importance for the environment. Wind protection belts. Effects. Importance for rural development. Wind protection belts and diversity. Importance for sustainable development in agriculture. Importance for animal husbandry. Impact on microclimate. Impact on crop yields. Plants for specific purposes. Communal forests. Importance of agroforestry systems for development of tourism, sport and recreation. |
| 1. Teaching methods

Practical work on designing agroforest plantations in the area, especially linear landscape elements. |
| Knowledge evaluation (maximum 100 points) |
| Pre-examination obligations | Points | Final exam  | Points |
| Lectures and tutorials attendance | 5 | *Oral exam* | 30 |
| Tests  | 25 |  |
| Seminar paper | 40 |
| Literature  |
| Ord. | Author | Title | Publisher | Year |
|  | P.K.Ramachandran Nair  | An Introduction to Agroforestry. | Kluwer Academic Publishers (in cooperation with ICRAF) | 1993 |
|  | H. E. Garrett, W. J. Rietveld, and R.F. Fisher (ed) | North American Agroforestry: An Integrated Science and Practice |  | 2000 |