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| Course: | *Management in Field Crops Production* |
| Course id:3ОАЕ5О22 |
| Number of ECTS:6 |
| Teacher: | Danica V. Bošnjak; Jelena J. Karapandžin |
| Course status | Mandatory |
| Number of active teaching classes (weekly) |
| Lectures:3 | Tutorials:2 | Other teaching types: | Study research work: | Other classes: |
| Precondition courses | Field and Vegetable Crops and Organization in Agriculture |
| 1. Educational goal

Introducing students to the laws and methods of rational production and work organization in field crops production in order to find such modes of using available factors. These factors will provide the best possible economic results. The starting point is the knowledge gained in general biological, technical and economic sciences covered in the undergraduate studies programme.  |
| 1. Educational outcomes

Students will be able to practically apply learned methods of rational production organization and thus contribute to more efficient production.  |
| 1. Course content

*Theoretical instruction*Significance and distribution of field crops production. Specific characteristics of field crops production units. The organizational aims of field crops production. The organizational and economic features of field crops. Mutual tolerance of rotation crops. Sowing and harvesting periods. The place of specific crop groups in rotation system. Determining the structure of production.Organizational and economic assessment of planned production. Field crops production systems and types. Specific features of field crops production. Organizational and economic features of livestock feed production on ploughed land. Organizing field crops seeds production. Organizing field crops production in irrigational conditions. Biological field crops production system. Integral field crops production system. Field crops surfaces organization. Work processes organization. Managing field crops production.*Practical instruction*Field crops planning. Crop and production volume planning. Fertilization planning. Technological charts of some crops. Projecting crop rotation. Selecting crop rotation. Composing spatial and temporal crop rotations. Organizational and economic assessment of crop rotation. Crop rotation flexibility. Livestock feed production. Types and groups of livestock feed. Work process organization. Determining stable size and return area. Determining the position of materials on a plot of land. The procedure of determining efficiency norms.  |
| 1. Teaching methods

Lectures with presentations, group work, discussion groups, fieldpractice. |
| Knowledge evaluation (maximum 100 points) |
| Pre-examination obligations | Mandatory | Points | Final exam  | Mandatory | Points |
| Lecture attendance | Yes/No | 5 | *Oral exam* | Yes | 45 |
| Test | Yes/No | 2 x 20 |  |
| Tutorials | Yes/No | 10 |
|  | Yes/No |  |
| Literature  |
| Ord. | Author | Title | Publisher | Year |
|  | Bošnjak, D. | Organizacija ratarske proizvodnje, praktikum | Poljoprivredni fakultet, Novi Sad | 2007 |
|  | Munćan, P., Živković D. | Menadžment ratarske proizvodnje | Poljoprivredni fakultet, Zemun | 2006 |
|  | Bošnjak, D. | Organizacija poljoprivredne proizvodnje -praktikum | Poljoprivredni fakultet, Novi Sad | 2001 |
|  | Bošnjak, D., Rodić, V. | Oranice u Srbiji – Kapaciteti, razmeštaj i načini korišćenja | Poljoprivredni fakultet, Novi Sad | 2010 |
|  | Birovljev, J., Tomić, R. | Menadžment u agrobiznisu | Ekonomski fakultet Subotica | 2009 |