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| Course: | *Production of cereals and grain legumes* |
| Course id: 7МГБ9И03 |
| Number of ECTS: 6 |
| Teacher: | Ph.D. Branko Marinković, Ph.D. Jovan Crnobarac; contributors: Ph.D. Dragana Latković, Ph.D. Goran Jaćimović |
| Course status | Mandatory |
| Number of active teaching classes (weekly) |
| Lectures: 3 | Practical classes: 1 | Other teaching types: | Study research work: | Other classes: |
| Precondition courses | Agroecology and protection of the agroecosystem |
| 1. Educational goal

The aim of the course is to introduce students with the requirements of cultivated plants according to production factors, and the ability to comply requirements with production factors prevailing in a given agro-ecological conditions |
| 1. Educational outcomes

After the completed field exercises in specific production conditions and written seminar papers students will be able to understand the relationships between requirements of plants and real production conditions. Thus will be able to analyze the production success and the creation of production technology. |
| 1. Course content

***Theoretical teaching***: On the course will be study the following plant species: wheat, corn, sorghum, beans, soybeans, peas. In the teaching process, special attention will be paid to the growing technologies. In addition to theoretical teaching (consultation), teaching will be held and by preparing seminar papers.***Practical exercises***: Exercises of the course will consist of practical work in the field under production conditions on actual jobs performed at a given moment. Upon completion of the exercises, students will have to write an seminar paper with a detailed description: what has been done, which the failure was made and why they occurred. |
| 1. Teaching methods

Lectures, Practice/ Practical classes, Consultations |
| Knowledge evaluation (maximum 100 points) |
| Pre-examination obligations | Mandatory | Points | Final exam | Mandatory | Points |
| Activity during lectures | Yes | 10 | *Oral part of the exam* | Yes | 20 |
| Practical classes | Yes | 20 |  |
| Colloquium | Yes | 20 |  |
| Seminar papers | Yes | 15+15 |  |
| Literature  |
| Ord. | Author | Title | Publisher | Year |
|  | John H. Martin, Richard P. Waldren, David L. Stamp | Principles of Field Crop Production | Pearson Education Inc., Upper Saddle River, New Jersey, Columbus, Ohio, USA | 2006 |
|  | Samuel Davies and George Evans | Soybean and Wheat Crops: Growth, Fertilization, and Yield | Nova Science Publishers, Inc., New York, USA | 2009 |
|  | Robert G. Hoeft, Emerson D. Nafziger, Richard R. Johnson and Samuel R. Aldrich | Modern corn and soybean production | MCSP Publications; 1st edition | 2000 |
|  | Internet sources; Thematic domestic and international journals |
|  | Lecture notes of professors and assistants |

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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 FIELD PLANT GROWING |
| Table 5.2 Course specification |