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| Course: | ***Basic Principles of Organic Agriculture*** |
| Course id:3ООП4О18 |
| Number of ECTS: 6 |
| Teacher: | Prof. dr. Maja, S., Manojlović, asst. prof. dr. Srđan, I., Šeremešić, MSc Klara, M., Marijanušić  |
| Course status | Mandatory |
| Number of active teaching classes (weekly) |
| Lectures:3 | Practical classes: 2 | Other teaching types:/ | Study research work:/ | Other classes:/ |
| Precondition courses | None |
| 1. Educational goal

Introducing students to the basic principles of organic agriculture and its role in the production of safe food and environmental protection. |
| 1. Educational outcomes

Students should demonstrate skills to distinguish specific elements of the organic production from conventional systems. By attending this subject student will gain basic knowledge how to manage cropping system in accordance with the organic principles.  |
| 1. Course content

*Theoretical instruction*Introduction. The importance of organic farming - agronomic, environmental, economic and social aspects. National and international regulations. Status of organic agriculture in Serbia and its development. Organic farming in the world. Principles of organic agriculture. Comparative analysis of the impact of organic and conventional agriculture on theenvironment, people and animals. Soil fertility as a basis of organic agriculture. Build and maintain ofsoil fertility*.* The most important aspects of growing plants in organic agriculture. Possibility of introducing organic agriculture in agroecological conditions of Serbia. Conversion period and creating conditions for development of ecological production system. The production of safety food - Principles of controling and certification. Regulations in the field of organic food production (EU, IFOAM, FiBL, NOA, etc.). Movements of organic food producers in the world and in our country, their importance and impact.*Practical instruction*Field exercises: Analysis of the regulation of organic agriculture. Investigation of farmers. Mapping and sustainability of agroecosystems. |
| 1. Teaching methods

Lectures, Practice/ Practical classes, Consultations |
| Knowledge evaluation (maximum 100 points) |
| Pre-examination obligations | Mandatory | Points | Final exam (izabrati) | Mandatory | Points |
| Lecture attendance | Yes | 10 | *Oral part of the exam* | Yes | 40 |
| Test | Yes | 50 |  |
| Exercise attendance | Yes | / |
| Term paper | No | / |
| Literature  |
| Ord. | Author | Title | Publisher | Year |
|  | Maja Manojlović (editor) | Đubrenje u održivoj poljoprivredi | Faculty of Agriculture, University of Novi Sad | 2008 |
|  | Kristensen, P. Taji, A., Reganold, J.  | Organic Agriculture: A Global perspective | CSIRO | 2006 |
|  | Šarapatka, B., Urban, J., | Organic Agriculture | Institute of Agricultural Economics and Information Prague, Reprotisk-Šumperk | 2009 |
|  | Gliessman, S. | Agroecology: The ecology of Sustainable food systems | CRC press | 2006 |

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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:ORGANIC AGRICULTURE |
| Table 5.2 Course specification |