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| Znak univerziteta | UNIVERSITY OF NOVI SAD  FACULTY OF AGRICULTURE 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 8 | Znak fakulteta2 |
| Study Programme Accreditation  UNDERGRADUATE ACADEMIC STUDIES – ***Organic Agriculture*** |
| Table 5.2 Course specification | | |

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| Course: | | ***BIOLOGY*** | | | | | | | | |
| Course id: **3ООП2О06** | |
| Number of ECTS: **6** | |
| Teacher: | | **Ljiljana Nikolić, Ph.D., Dragana Rajković, PhD.**  **Branka Ljevnaić-Mašić, PhD., Aleksandra Petrović, Msc** | | | | | | | | |
| Course status | | **Mandatory** | | | | | | | | |
| Number of active teaching classes (weekly) | | | | | | | | | | |
| Lectures: **4** | | Practical classes: **3** | | | Other teaching types: | | Study research work: | | Other classes: | |
| Precondition courses | | None/navesti ako ima | | | | | | | | |
| 1. Educational goal   **Botany:** Acquiring the necessary knowledge concerning the structure of plants, their function, the systematics of plants with emphasis on taxa relevant for students of Organic Agriculture.  **Zoology:** Education and training students for determination and identification of animal groups important for organic agriculture. | | | | | | | | | | |
| 1. Educational outcomes   The findings in this case are the basis for the study of other fundamental and applied scientific disciplines - physiology, forage crops, nutrition, selection and breeding, reproduction, veterinary medicine and animal hygiene. | | | | | | | | | | |
| 1. Course content   *Lectures*:  Botany: Morphology of Plants (Cytology, Histology, Organography) and systematics vascular plants of importance for organic production.  Zoology: morphology (anatomy), based on histology and systematics of selected groups of animals important for organic agriculture.  *Exercise*:  Botany - plant cell and tissue morphology, anatomy and systematics of Cormophytes.  Zoology - animal cells and tissues, morphology, anatomy and systematics of animals. | | | | | | | | | | |
| 1. Teaching methods   Lectures - verbal-textual and illustrative demonstrative methods  Practical classes - management of students’ individual work and demonstrative-illustrative methods | | | | | | | | | | |
| Knowledge evaluation (maximum 100 points) | | | | | | | | | | |
| Pre-examination obligations | | | Mandatory | Points | | Final exam (izabrati) | | Mandatory | | Points |
| Lecture attendance | | | Yes | 0-5 | | *Oral part of the exam* | | Yes | | 0-50 |
| Exercise attendance | | | Yes | 0-5 | |  | |  | |  |
| Colloquium | | | Yes | 0-20 | |  | | | | |
| Term paper | | | No |  | |
| Tests | | | Yes | 0-20 | |
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| Literature | | | | | | | | | | |
| Ord. | Author | | Title | | | Publisher | | | | Year |
|  | Janjatović, V. | | Botanika | | | Naučna knjiga, Beograd | | | | 1994 |
|  | Nikolić, Lj., Jurišić, A., Petrović, A. | | Praktikum iz biologije | | | Poljoprivredni fakultet, Univerzitet u Novom Sadu | | | | 2013. |
|  | Mauseth, J.D. | | Botany - an introduction to plant biology. | | | University of Texas, Austin, USA. | | | | 2003 |
|  | Ratajac R. | | Zoologija za studente poljoprivrednog fakulteta | | | Univerzitet u Novom Sadu, Prirodno-  matematički fakultet, Novi Sad | | | | 1995 |
|  | Rajković, D., Kostić, D. | | Praktikum iz poljoprivredne zoologije | | | Univerzitet u Novom Sadu, Prirodno-matematički fakultet, Institut za biologiju, Novi Sad | | | | 1995 |