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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 |

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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 methodsPractical 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 |