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| Course: | | *Diseases and pests of fruits and grapevine* | | | | | | | | |
| Course id: 3OVV5O19 | |
| Number of ECTS: 5 | |
| Teacher: | | Jelica S. Balaž Mila S. Grahovac  Radmila S. Almaši Aleksandra M. Popović | | | | | | | | |
| Course status | | Mandatory | | | | | | | | |
| Number of active teaching classes (weekly) | | | | | | | | | | |
| Lectures: 4x15=60 | | Practical classes: 2x15=30 | | | Other teaching types: | | Study research work: | | Other classes: | |
| Precondition courses | | Passed colloquium; certified practical classes attendance | | | | | | | | |
| 1. Educational goal   Acquiring basic knowledge on diseases and pests, as well as their control in fruit and grapevine production. | | | | | | | | | | |
| 1. Educational outcomes   The acquired knowledge presents the basis for disease diagnosis/detection of pest presence, application and management of plant protection measures in fruit and grapevine production with an aim to reduce losses and use of chemical control products. | | | | | | | | | | |
| 1. Course content   *Lectures:* General section:Significance of plant diseases and pests in fruit and grapevine production. Disease causal agents (basic characteristics of phytopathogenic fungi, bacteria, viruses and phytoplasmas).  Specific section: economically the most important diseases and pests of pome, stone, small fruits, nuts and grapevine (economic significance, distribution, symptoms, morphological characteristics and biology, epidemiology and control measures).  *Practical classes:* economically the most significant diseases and pests of pome, stone, small fruits, nuts and grapevine (symptoms, morphological characteristics and biology, phytopathogenic fungi – isolation and cultural characteristics, microscopic inspection of vegetative and reproductiove structures; phytopathogenic bacteria – isolation and cultural characteristics; viruses: isolation/inoculation). | | | | | | | | | | |
| 1. Teaching methods   Lectures, Practical classes, Consultations, Research work | | | | | | | | | | |
| Knowledge evaluation (maximum 100 points) | | | | | | | | | | |
| Pre-examination obligations | | | Mandatory | Points | | Final exam (izabrati) | | Mandatory | | Points |
| Activity during lectures | | | Yes | Up to 5 | | *Oral exam* | | Yes | | 50 |
| Test regarding material from lectures | | | Yes | Up to 20 | |  | | | | |
| Practical classes attendance | | | Yes | Up to 5 | |
| Test regarding material from practical classes (colloquium) | | | Yes | Up to 20 | |
| Literature | | | | | | | | | | |
| Ord. | Author | | Title | | | Publisher | | | | Year |
|  | Delibašić G., Babović M. | | Opšta fitopatologija - praktikum | | | University of Belgrade, Faculty of Agriculture | | | | 2006 |
|  | Ivanović, M., Ivanović D. | | Bolesti voćaka i vinove loze i njihovo suzbijanje | | | University of Belgrade, Faculty of Agriculture | | | | 2005 |
|  | Almaši R., Injac M., Almaši Š. | | Štetni i korisni organizmi jabučastih voćaka | | | Aleks print, Novi Sad | | | | 2004 |
|  | Tanasijević N., Simova-Tošić, D. | | Posebna entomologija | | | Naučna knjiga, Beograd | | | | 1987 |
|  | Group of authors | | Štetočine u biljnoj proizvodnji prvi i drugi deo | | | University of Novi Sad, Faculty of Agriculture | | | | 1967 |

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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  BACHELOR STUDIES OF FRUIT AND GRAPEVINE PRODUCTION |
| Table 5.2 Course specification | | |