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| Course: | *Special Fruitgrowing II* |
| Course id: |
| Number of ECTS: 6 |
| Teacher:  | Zoran Ž. Keserović |
| Course status | Mandatory/Elective |
| Number of active teaching classes (weekly) |
| Lectures: 4 | Practical classes: 2 | Other teaching types: | Study research work: | Other classes: |
| Precondition courses | None/navesti ako ima |
| 1. Educational goal

The goal of the course is to familiarize students with kernel and nut fruit species and to gain knowledge about the varieties and rootstocks of these fruit species that are significant for fruit growing in Serbia and beyond. Proper selection of fruit species, cultivars and rootstocks are among the main factors for successful fruit production because the wrong choice can not subsequently be changed when it comes to fruiting. Based on the acquired knowledge, students will be all able to independently determine which fruit species, cultivars and rootstocks are suitable for planting in certain regions, but also to determine the density of planting, to monitor the yield potential of varieties, to decide on growth form of trees, to decide which will be the intensity and way of pruning trees. |
| 1. Educational outcomes

The acquired level of knowledge will enable graduates to independently make appropriate decisions about the choice of fruit species, varieties and rootstocks during plantation. Acquired knowledge level allows the student to adapt all pomotechnical measures in the plantation to selected varieties, rootstock or tree shape.Mistakes that occur during orchard establishment can not subsequently be corrected. Therefore the student acquires knowledge on the subject of Special fruit growing II which is of great significance for future professionals whether it be on the individual farm, or cooperative. |
| 1. Course content

Theoretical teachingBotanical and pomological nomenclature of stone fruit and nuts. Production of stone fruit and nuts in the world and Serbia. Stone fruit species (plum, peach, apricot, cherry, sour cherry). Rootstocks for stone fruit species. The technology of growing stone fruit. Nuts (walnut, hazelnut, almond, chestnut). Rootstocks for stone fruit species. The technology of growing nuts.Practical teachiingIntroduction into stone fruit species and varieties and their pomological description. Introduction into nuts and pomological description.  |
| 1. Teaching methods

Lectures, laboratory work, practical training in the fields of experimental and commercial plantations |
| Knowledge evaluation (maximum 100 points) |
| Pre-examination obligations | Mandatory | Points | Final exam (izabrati) | Mandatory | Points |
| Lecture attendance | Yes | 5 | *Oral part of the exam* | Yes | 30 |
| Test | Yes | 5 |  |
| Exercise attendance | Yes | 40 |
| Seminar | Yes | 20 |
| Literature  |
| Ord. | Author | Title | Publisher | Year |
|  | Bulatović, S.: Orah, badem i leska, Nolit, Beograd, 1986. |
|  | Gvozdenović, D. i sar.: Višnja, Porečje-Vučje, 1995. |
|  | Gvozdenović, D. i sar.: Breskva, Poljoprivredni fakultet, Novi Sad, 1997. |
|  | Keserović, Z, Korać, N., Magazin, N., Grgurević, V., Gvozdenović, D., Bijelić, S., Vračević, B: Proizvodnja voća i grožđa na malim površinama, Poljoprivredni fakultet Novi Sad, 2008. |
|  | Korać, M., Cerović, S., Gološin, B.: Orah, Prometej, Novi Sad,1998. |
|  | Korać, M., Cerović, S., Ninić-Todorović, J., Gološin, B., Almaši, M., Balaž, J., Korać, J.: Leska, Technosoft, Novi Sad, 2000. |
|  | Đurić, B., Keserović, Z. Gajenja kajsije, Poljoprivredni fakultet, Novi Sad, 2007. |
|  | Milatović, D., Nikolić, M., Miletić, N: Trešnja i višnja, Poljoprivredni fakultet Beograd, 2011. |

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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 *(Fruit Science and Viticulture)**)* |
| *Table 5.2 Course specification* |