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| Course: | Grapevine growing and technology |
| Course id: |
| Number of ECTS: 5 |
| Teacher: | Prof. dr Ivan D. kuljančić |
| Course status | Mandatory |
| Number of active teaching classes (weekly) |
| Lectures: 60 | Practical classes: 45 | Other teaching types: | Study research work: | Other classes: |
| Precondition courses | Grapevine biology and propagation |
| 1. Educational goal

is education and training of undergraduate students in the field of viticulture. Student must acquire basic knowledge about terrain choosening for vineyards, soil preparation for vineyards establishing, vineyards planting, grapevine support systems, grapevine pruning and training systems, soil cultivation and fertilization in vineyards, vineyards irrigation, summer pruning, preparing for grapes harvesting, grapes harvesting  |
| 1. Educational outcomes

је стварање стручњака са академским образовањем, оспособљеног за подизање винограда и извођење целокупне агро и фито техникеthe formation of professionals with academic qualifications, trained for vineyards establishing and performing of all measures of agro and phitotechnics.  |
| 1. Course content

Theoretical lecturesVineyard establishing: terrain choosening for vineyards, clearing and cleaning of the field, reclamation works before the vineyards establishing, soil trenching, soil preparation for planting and grapevine planting, young vineyard cultivation Grapevine pruning and training systems : demands for pruning and its importance, biological basis for pruning, training systems, grapevine support systems. Vineyard cultivation in full production: soil cultivation in vineyard, vineyard fertilization, vineyard irrigation, measures of summer pruning.Grape harvesting: Grapes ripening monitoring, grapes sampling, organization of grapes harvesting, transport and grapes preservation. Practical classesYoung vineyards pruning, with a purpose of training system establishing, vineyard pruning in full production, vineyards planting and support system positioning, grapevine tying, operations of summer pruning, fertilization norms, wine grapevine harvesting and primary processing, table grape harvesting, assortment and packaging.  |
| 1. Teaching methods

Lectures, Practice/ Practical classes, Consultations, study, research work |
| Knowledge evaluation (maximum 100 points) |
| Pre-examination obligations | Mandatory | Points | Final exam  | Mandatory | Points |
| Lecture attendance | Yes | 20 | Oral part of the exam | Yes | 60 |
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| Exercise attendance | Yes | 20 |
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| Literature  |
| Ord. | Author | Title | Publisher | Year |
|  | Ivan D. Kuljančić | Vinogradarstvo-vinova loza ta božanska biljka | Prometej, Novi Sad | 2007/2008. |
|  | Nebojša Marković, Aleksandar Nakalamić | Ošte vinogradarstvo | Poljoprivredni fakultet Zemun I Zadužbina manastira Hilandara | 2009. |
|  | Nebojša Marković | Tehnologija gajenja vinove loze | Poljoprivredni fakultet Zemun I Zadužbina manastira Hilandara | 2012. |

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| Znak univerziteta | UNIVERSITY OF NOVI SADFACULTY OF AGRICULTURE 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 8 | Znak fakulteta2 |
| Fruit growing and viticulture UNDERGRADUATE ACADEMIC STUDIES  |
| Table 5.2 Course specification |