**DESCRIPTION OF A STUDY COURSE – SYLLABUS**

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| **Title of a course** | **Viticulture V** | | | | |
| **Study programme** | **Professional undergraduate study Winemaking** | | | | |
| **Status of a course** | Obligatory | | | | |
| **Year of study** | 3 | **Semester** | W | **ECTS credits** | 5 |
| **Goals of a course** | | | | | |
| Through theoretical and practical classes, students gain knowledge about the characteristics of the wine-growing regions and sub-regions of the Republic of Croatia and the wine and table grape varieties. They are introduced to the economically important pests of the vine, measures and methods of protection with emphasis on ecological and integrated protection measures. Students will be able to use the acquired knowledge when designing and executing the raising of vineyards, as well as later in the management of vineyard production. | | | | | |
| **Conditions for enrolling course** | | | | | |
| No conditions | | | | | |
| **Learning outcomes on a level of a study programme which includes course** | | | | | |
| Outcome 1: Plan the planting of vineyards with regard to the ecological and agro-climate conditions of the production unit.  Outcome 2: Interpret soil analysis results and optimize pedological soil properties.  Outcome 3: Perform the care of the grapevine plantations in accordance with the cultivation form and maintain the vineyard in view of the technological and ecological conditions of production.  Outcome 4: Determine the economically significant grapevine pests and implement preventative and curative methods of plant protection.  Outcome 5: Present the wine professionally, using professional terminology in describing and evaluating the wine, and lead wine tasting by interpreting the sensory experiences of the wine.  Outcome 12: Use the legislation (Act and Regulations on wine). | | | | | |
| **Expected learning outcomes on a level of a course** | | | | | |
| 1. Describe the characteristics of wine-growing regions and sub-regions of the Republic of Croatia and identify and ampelographically describe the wine and table grapevine varieties. 2. Identify and distinguish economically significant grapevine pests. 3. Select and propose integrated and ecological measures for the protection of grapevine from pests 4. Prepare a project for raising a vineyard. 5. Link knowledge of viticulture production technology with new technologies in order to increase quantity and quality, in line with the sustainable development of viticulture. | | | | | |
| **Content of a course** | | | | | |
| Zoning of vine growing locations in Croatia. Vine growing foundations. Table varieties of grape vine. Primary and secondary pests of grape vine. Ecological wine growing. Design of vineyards. Latest trends in technology of wine growing production. | | | | | |
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