**DESCRIPTION OF A STUDY COURSE – SYLLABUS**

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| **Title of a course** | **Olive growing** | | | | |
| **Study programme** | **Professional undergraduate study Winemaking** | | | | |
| **Status of a course** | Elective | | | | |
| **Year of study** | 2. | **Semester** | S | **ECTS credits** | 4 |
| **Goals of a course** | | | | | |
| By mastering the course material, students are able to carry out the cultivation and care of olive trees and to influence the quality of the raw material for obtaining extra virgin olive oils and canned olives through agrotechnical and pomotechnical interventions. | | | | | |
| **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 12: Use the legislation (Act and Regulations on wine). | | | | | |
| **Expected learning outcomes on a level of a course** | | | | | |
| 1. Determine, at the morphological level, the leading varieties of olives and interpret their production characteristics. 2. Design an olive plantation with field preparation, ameliorative fertilization and selection of irrigation systems. 3. Determine and describe the most important olive diseases and pests. 4. Determine the index of olive fruit ripeness and indicate manners of fruit harvesting. 5. Select cuttings and root the cuttings. 6. Prune fertile olive trees. 7. Use the legislation (Act and Regulations on planting material, plant protection and virgin olive oils). | | | | | |
| **Content of a course** | | | | | |
| Origin, production areas and expansion of olives in Croatia and abroad. Basic structure (vegetative and generative organs), phenophases, impact of agro-ecological conditions on growth of olives and certain varieties. Propagation of olives (vegetative and generative), preparation of terrain, planting, establishment of growing forms, intertillage, diseases and pests, protection from them. Agro-technical and pomo-technical measures in production plantations of olives. Varieties of olives and their characteristics. Practical teaching activities (propagation, planting, cutting and harvest) to be done in appropriate teaching and technological premises in Istria. | | | | | |
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