**DESCRIPTION OF A STUDY COURSE – SYLLABUS**

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| **Title of a course** | **Organic viticulture** | | | | |
| **Study programme** | **Specialist Professional Study of Winemaking** | | | | |
| **Status of a course** | Obligatory | | | | |
| **Year of study** | 2 | **Semester** | W | **ECTS credits** | 5 |
| **Goals of a course** | | | | | |
| Students will be trained in vineyard planning and design according to the requirements of organic agricultural production. They will understand the challenges of soil maintenance and will be able to use soil improvers. They will be able to practically apply agro-technical and ampelo-technical measures in vineyards. They will be able to implement biological and biotechnical pest control measures. They will be trained to create an organic vineyard management plan. They will be prepared to carry out the certification process. | | | | | |
| **Conditions for enrolling course** | | | | | |
| No conditions | | | | | |
| **Learning outcomes on a level of a study programme which includes course** | | | | | |
| Outcome 1: Assess the impact of physiological processes, ampelo-technical and meliorative treatments on the nature and quality of grapes.  Outcome 2: Evaluate the impact of the terroir, technological maturity and harvesting technology to achieve the targeted quality of grapes and wine.  Outcome 7: Choose a specific production technology of autochthonous wine in order to preserve the variety specificities.  Outcome 8: Substantiate the influence of significant factors on the processes and concentration of the most significant wine components. | | | | | |
| **Expected learning outcomes on a level of a course** | | | | | |
| 1. Apply legislation in raising and growing grapevine 2. Recommend measures to maintain soil fertility 3. Recommend pest prevention and protection measures 4. Design an ecological grapevine plantation 5. Develop a plan for the transition from a certain production system to the ecological production system | | | | | |
| **Content of a course** | | | | | |
| Introduction and principles or organic grape production. National and EU legislation in organic viticulture. Soil maintenance (cultivation, fertilization and nutrition of grapevine). Use of plant consociations, cover and intermediate crops in vineyards. Vineyard maintenance (selection of varieties, fittings and pruning). Prevention and protection against grapevine diseases, pests and weeds. Transition to an organic production system Vineyard management plan creation. Certification process for organic grapes production. Indicators of sustainability and biodiversity in a vineyard | | | | | |
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