**DESCRIPTION OF A STUDY COURSE – SYLLABUS**

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| **Title of a course** | **Aromatic and medicinal plants** | | | | |
| **Study programme** | **Professional undergraduate study Winemaking** | | | | |
| **Status of a course** | Elective | | | | |
| **Year of study** | 3 | **Semester** | S | **ECTS credits** | 4 |
| **Goals of a course** | | | | | |
| To acquaint students with the importance and possibilities of sustainable cultivation of aromatic and medicinal plants, concept and quality standards, types and characteristics of bioactive substances, basic methods of processing and application of aromatic and medicinal plants. Introduce students to the technology of cultivation of basic types of aromatic and medicinal plants. Introduce students to the possibilities of producing flavoured wines and spirits. | | | | | |
| **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 4: Determine the economically significant grapevine pests and implement preventative and curative methods of plant protection.  Outcome 11: 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. | | | | | |
| **Expected learning outcomes on a level of a course** | | | | | |
| 1. Recognize types of aromatic and medicinal plants, Latin names, belonging to a family of bioactive substance of selected types of aromatic and medicinal plants. 2. Select the conditions for planting and growing technology of selected species and assortments of aromatic and medicinal plants 3. Recommend the method of processing and application of selected types of aromatic and medicinal plants depending on the characteristics. 4. Perform bioactive substances extraction by steam extraction. 5. Evaluate the quality of aromatic and medicinal plant raw material based on its characteristics and content of bioactive substances. | | | | | |
| **Content of a course** | | | | | |
| Aromatic and medicinal plants through history. Medicinal vegetable matters and their effects. Collecting and drying of plants. Preparation and ways of using. Description of plants and their characteristics. | | | | | |
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