

Title of a course	Plant Protection				
Study programme	Undergraduate Professional Study Programme of Sustainable Agritourism				
Status of a course	Obligatory				
Year of study	2.	Semester	IV	ECTS credits	5
Goals of a course					
Introduce students to principles of plant protection in practice. To develop students' skills for monitoring the occurrence and to determine symptoms of pests in fruit and vegetable crops. To enable student to choose an appropriate sustainable system of fruit and vegetable production on the family farm.					
Conditions for enrolling course					
No conditions					
Learning outcomes on a level of a study programme which includes course					
Outcome 2: Assess the suitability of environmental and edaphic factors for sustainable plant and animal production. Outcome 3: Select species, assortments and breeds, as well as the technology for cultivation, breeding and maintaining the health of plants and animals. Outcome 7: Recommend environmentally friendly methods of hygiene, maintenance and waste management in agriculture, tourism and catering.					
Expected learning outcomes on a level of a course					
1. Determine the occurrence and noxiousness of a particular pest on vegetables, fruits and grapevine 2. Choose the method and technique for the protection of vegetables, fruits and grapevine from pests 3. Create a sampling plan to assess the incidence of pests 4. Determine the most important pests on vegetables, fruits and grapevine 5. Recommend sustainable systems for the protection of vegetables, fruits and grapevine with regard to the needs and opportunities of an agritourism farm					
Content of a course					
Economically significant pests in cultivation of vegetables, fruit and vine, monitoring methods and repression methods. Plant pathology – term, definition of diseases and their agents. Epidemiology and plant disease forecasting. Taxonomy of plant diseases. The significance and role of applied entomology. Morphology, anatomy and physiognomy of insects. Methods of monitoring entomofauna in vegetable, fruit and vine cultivation. Taxonomy of insects. Definition of weeds, weed classification, most common weeds in cultivation of vegetables, fruit and vine, weed damage. Systems of integrated and ecological plant protection in cultivation of vegetables, fruit and vine.					