

Title of a course	Planning and Managing Ecological Agricultural Production				
Study programme	Undergraduate Professional Study Programme of Sustainable Agritourism				
Status of a course	Obligatory				
Year of study	3	Semester	VI	ECTS credits	5
Goals of a course					
-planning ecological agricultural production - managing ecological production					
Conditions for enrolling course					
No conditions					
Learning outcomes on a level of a study programme which includes course					
Expected learning outcomes on a level of a course					
recommend appropriate techniques and methods for maintain treatment of orchards <ul style="list-style-type: none"> • select methods and measures for keeping and improving soil fertility • recommend distribution channels and prices of ecological products • describe ways of preventing contamination of ecological production and products • create a long-term plan for production management in relation to the needs of economy and resources at hand • select appropriate species for sowing/planting • select appropriate methods of plant mass reduction • recommend methods for appropriate method of soil cultivation and conservation • select appropriate methods and means for the prevention and protection of pests • apply ecological principles in determining harvesting terms 					
Content of a course					
Technology and techniques of cultivation of different varieties in different cultivation conditions. Improving key elements of ecological agricultural production in cultivation varieties. Managing soil fertility and soil conservation in growing vegetables, farming and growing fruit. Nutrition of cultivated varieties. Managing weeds in farming, growing vegetables and fruit. Prevention and protection from plant diseases in cultivated varieties. Prevention and protection from plant pests in cultivated varieties. Preparation for harvesting and storage of fruit and products. Economy of ecological agricultural products					