

SYLLABUS (MODULE-ERASMUS+)

Course/module (as specified in the approved curriculum for the field of study) Trends in vegetable production		ECTS 4	Catalogue number		
Name in Polish Trendy w produkcji warzyw			HORT 2.3		
Head of course/module Dr inż. Alina Kałużewicz					
Unit(-s) providing the course/module (Institute/Department) Department of Vegetable Crops					
Field of study Horticulture		Level II – master studies	Profile Academic-general	Semester winter	
TYPE OF CLASSES/LECTURES AND THE NUMBER OF HOURS (organised classes/lectures and self-study)					
Type of studies: full-time		Type of studies: extramural			
- lectures	15	- lectures		X	
- practical classes	20	- classes		X	
- self-study	65	-			
		-			
		-			
		- self-study			
Total number of hours:		100	Total number of hours: X		
OBJECTIVE OF COURSE/MODULE					
Gaining knowledge of field cultivation with consideration of all factors influencing on this production					
TEACHING METHODS					
Lecture supported by multimedia presentation Practical classes using fresh vegetable crops					
LEARNING OUTCOMES			Reference to field outcomes	Reference to area outcomes	
Knowledge	E1 Students: - know specialized vocabulary in the field of vegetables, - are familiar with species and varieties of vegetables, - have knowledge concerning vegetable reproduction and basic technologies of vegetable cultivation.		<i>Not applicable</i>	<i>Not applicable</i>	
Skills	E2. Students: - can recognize basic vegetables and their pests, - choose and apply various methods of vegetable reproduction, - identify and analyse factors that determine health of vegetables, - have the ability to solve problems occurring during vegetable cultivation.				

Social competences	<p>E3. Students:</p> <ul style="list-style-type: none"> - understand the need to expand and gain horticultural knowledge constantly; - can appropriately determine priorities in task completion, collaborate and work in a team; - correctly identify and solve dilemmas associated with horticultural activity; - are aware of the level of their knowledge and skills and understand the need for self-improvement in the field of horticulture; - are able to think and act entrepreneurially. 		
<p>Methods to verify learning outcomes</p> <p>Test Written exam</p>		<p>Outcome Reference Numbers E1, E2 E1, E2</p>	
TEACHING CONTENT			
<p>Content of lectures: Vegetable production in Poland and in the world, factors affecting vegetable production, fertilization and irrigation, seedling production, crop rotation, vegetable harvesting, organic vegetable production, cultivation of the main vegetable species</p> <p>Content of exercises: knowledge of species and varieties of vegetables; identification of vegetable varieties based on basic morphological and sensory characteristics; measurement of characteristic morphological characteristics of vegetables; calculation of selected parameters; observations of growing vegetables in various phases of development</p>			
<p>Forms and criteria for passing of course/module</p> <p>Positive assessment of the exercises Exam</p>		<p>Percentage of final mark 100%</p>	
LIST OF LITERATURE			
<p>Basic literature</p> <ol style="list-style-type: none"> 1. Knott's handbook for vegetable growers DN Maynard, GJ Hochmuth - 2007 - books.google.com 2. Plant nutrition and soil fertility manual JB Jones. Jr - 2012 - books.google.com 3. Crop ecosystem responses to climate change: vegetable crops MM Peet, DW Wolfe - 2000 - books.google.com 4. Vegetable production in Poland, www.actahort.org/books/371/371_1.htm 			