

SYLLABUS (MODULE-ERASMUS+)

Course/module (as specified in the approved curriculum for the field of study) Trends in outdoor vegetable production		ECTS 5	Catalogue number HORT 5.3		
Name in Polish Trendy w produkcji warzyw gruntowych					
Head of course/module Dr Tomasz Spiżewski					
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			
- practical total	10	- classes			
- laboratory practical		-			
- project based practical	-	-			
- Other – tutored	20	-			
- self-study	80	- self-study			
Total number of hours:		125	Total number of hours:		
OBJECTIVE OF COURSE/MODULE					
Expanding knowledge of detailed cultivation technologies of selected vegetable species					
TEACHING METHODS					
Lecture supported by multimedia presentations, discussions, trip to vegetable farms and wholesale market					
LEARNING OUTCOMES			Reference to field outcomes	Reference to area outcomes	
Knowledge	E1 – become familiar with field vegetable production in Poland E2 – know methods of accelerated production of field-grown vegetables E3 – be acquainted with irrigation systems used under open field conditions E4 – know basic issues of integrated vegetable production E5 – be familiar with vegetable transplants production		<i>not applicable</i>	<i>not applicable</i>	
	Skills	E6 – be acquainted with economic and organizational issues in vegetable production E7 – know how to design irrigation systems in outdoor vegetable production E8 – know how to sort and calibrate vegetables		<i>not applicable</i>	<i>not applicable</i>
Social competences		E9 – have the ability to work in a group E10 – understand the need to expand horticultural knowledge		<i>not applicable</i>	<i>not applicable</i>

Methods to verify learning outcomes Written test	Outcome Reference Numbers E1 – E8
TEACHING CONTENT	
<p>Content of lectures: Field vegetable production in Poland - present and future development, Acceleration production of field vegetables, Vegetable irrigation - selected topics, Integrated vegetable production, Novelty in field vegetable cultivation, Vegetable transplants production, Economic and organizational issues in vegetable production</p>	
<p>Content of classes: Trip to large-scale farms specialized in vegetable production and the wholesale market, Evaluation of the quality of selected vegetable species</p>	
<p>Project: -</p>	
Forms and criteria for passing of course/module Written test Trip report	Percentage of final mark 90% 10%
LIST OF LITERATURE	
Basic literature Rubatzky V.E. and Yamaguchi M. 1997. World vegetables. Principles, Production, and Nutritive Values. Second edition. Chapman & Hall. New York. https://www.esciencecentral.org/journals/recent-trends-in-horticulture-2376-0354-1000e105.pdf	