

SYLLABUS (MODULE-ERASMUS+)

Course/module (as specified in the approved curriculum for the field of study) Szkółkarstwo roślin ozdobnych		Punkty ECTS 2	Numer katalogowy HORT 2.2
Name in English Ornamental plants nursering			
Unit(-s) providing the course/module (Institute/Department) Department of Dendrology, Pomology and Nursery			
Head of course/module dr inż. Marcin Kolasiński			
Field of study Horticulture	Level Studies level II	Profile General academic studies	Semester Winter
Specialisation Plant Breeding, Seed Science and Technology- in the English language		MSc Specialisation	
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	-	
- practicals	15	-	
consultation	0	-	
- examination	0	-	
- self-study	20	-	
Total number of hours:		50	Total number of hours:
OBJECTIVE OF COURSE/MODULE			
Know the rules and methods of propagation of woody ornamental plants. Student after completion of the course will obtain knowledge about the basic methods of reproduction and cultivation of woody ornamental plants.			
TEACHING METHODS			
Lectures, exercises			
LEARNING OUTCOMES		Reference to field outcomes	Reference to area outcomes
knowledge	E1. An acquaintance is demonstrating advanceds of production methods szkółkarskiej, to use techniques, technology and allowing materials and to shape the potential of the nature to the purpose of the improvement of quality of life of the man. E2. He knows general rules of creating and the development of forms of the individual entrepreneurship.	O2A_W05 O2A_W10 O2A_W12	R2A_W05 R2A_W03 R2A_W04 R2A_W05 R2A_W06 R2A_W09
skills	E3He is possessing a skill of the selection and the alteration of typical action (of techniques and the technology) in solving existing problems of concerning nursery productions. E4. He/she is assessing the advantages and disadvantages of taken action, including their originality in solving existing professional problems.	O2A_U07 O2A_U08 O2A_U10	R2A_U03 R2A_U06 R2A_U07 R2A_U10
Social competences	E5. The student understands the need of constant directed training and self-improvements in the pursued profession.	O2A_K01 O2A_K09	R2A_K01 R2A_K07

Methods to verify learning outcomes Written examination	Outcome Reference Numbers E1-E5
TEACHING CONTENT	
Programmatic content of lectures:	
<ol style="list-style-type: none"> 1. Climatic and soil conditions having influence on nursery initiation. 2. Plants propagation by seeds. 3. Different methods of woody plants vegetative propagation. 4. Plants cultivation in pots. 5. Avenue trees production. 6. Machines in nursery production. 7. Irrigation systems in nursery. 	
Programmatic content of exercises:	
<ol style="list-style-type: none"> 1. Plants propagation by seeds – recognition species. 2. Different methods of woody plants vegetative propagation – practical courses. 3. Plants cultivation in pots – practical courses. 4. Avenue trees production – practical courses. 	
Forms and criteria for passing of course/module Written examination (minimum 55% correct answers)	Percentage of final mark 100%
LIST OF LITERATURE	
<ol style="list-style-type: none"> 1. Bruce Macdonald. 1996. Practical Woody Plant Propagation for Nursery Growers. Timbers Press, Inc. 2. van Geldeeren D. M., van Hoey Smith J. R. P. 1996. Conifers the illustrated encyclopedia, vol. 1-2. Timber Press. Portland. 3. Hoffman M.H.A., van de Laar H.J., de Jong P.C. 2000. <i>List of names of Woody Plants</i>. Boomteeltpraktijkonderzoek. Booskop. 4. Dendrobiology 5. Folia Universitatis Agriculturae Stetinensis, Agricultura 6. http://www.ejpau.net/ Electronic Journal of Polish Agricultural Universities 	