

GeneralDescription of the education module/course (syllabus)

Course name:	Diploma thesis	ECTS	20
Translation of the course name into English:	-		
Study field:	General Horticulture		

Language of lectures:		Study level: Master of science	
Study form: <input checked="" type="checkbox"/> stationary <input type="checkbox"/> extramural	Status of lectures: <input type="checkbox"/> primary <input checked="" type="checkbox"/> directional	<input type="checkbox"/> obligatory <input checked="" type="checkbox"/> facultative	Semester number: 3 <input type="checkbox"/> winter semester <input checked="" type="checkbox"/> spring semester
Academic year from which the description applies		2021/2022	Catalog number: OGR-O2-S-3L19

Course coordinator:			
Lecturers:			
Unit running the course:			
Unit ordering the course:	Faculty of Horticulture		
Assumptions, objectives and description of the course:	Implementation of research tasks planned as part of the diploma thesis. Developing the student's ability to use knowledge of the biological and economic foundations of horticulture, the ability to use research infrastructure, analytical methods, and professional literature data. Processing of obtained results. Discussion of results with literature data. Preparation of the diploma thesis.		
Didactic forms, number of hours:	diploma thesis, 300 h		
Teaching methods:	discussion, consultation, show, intructions		
Formal requirements and prerequisites:			
Learning outcomes:	<p>Knowledge: W 01 - knows, in the extended range, issues on biology, chemistry and relative sciences, necessary to understand complex processes taking place in horticultural plants as well as phenomenon and processes occurring in atmosphere and soil W 02 - knows advanced methods, techniques and technologies, applied in horticultural plants production; knows methods and techniques used for improving the quality of horticultural products; knows the impact of substances occurring in this products on the human life quality; has knowledge concerning the usage of objects, tools and equipment applied in horticultural practice</p>	<p>Skills: U 01 - can plan and perform projects and/or experiments; can to comment obtained results U 02 - is able to use bibliographic and websites databases at advanced level, and use proper information technics for acquisition and processing of information data</p>	<p>Competences: K 01 - is ready to establish priorities and be responsible for its realization K 02 - is aware of social, professional and etic responsibility for food quality and environmental state</p>
The way of verification of learning outcomes :	Effects W_01, W_02, U_01, U_02, K_01, K_02 – observations of student's work		
Form of documentation of achieved learning outcomes :	Cards with personal data and grades obtained by students		
Elements and weights affecting the final grade:	Evaluation of student's work- 100%		
Place of classes:	Labs, class rooms, greenhouses, experimental fields and other objects of the Faculty where diploma thesis is being performed		
Basic and supplementary literature :			
COMMENTS			

Quantitative indicators characterizing the module / object:

Estimated total number of student work hours (contact and own work) necessary to achieve the assumed learning outcomes - on this basis, complete the ECTS field:	300 h
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The total number of ECTS points that a student receives in classes requiring direct participation of academic teachers or other lecturers:	5.5 ECTS
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Table of compliance of the directional learning outcomes with the effects of the course:

Effect category	Learning outcomes for the course:	Reference to learning outcomes specific for study program on particular study field (direction)	The impact of course on the directional effect *)
W 01 Knowledge	knows, in the extended range, issues on biology, chemistry and relative sciences, necessary to understand complex processes taking place in horticultural plants as well as phenomenon and processes occurring in atmosphere and soil	K_W01; K_W03	2; 2
W 02 Knowledge	knows advanced methods, techniques and technologies, applied in horticultural plants production; knows methods and techniques used for improving the quality of horticultural products; knows the impact of substances occurring in this products on the human life quality; has knowledge concerning the usage of objects, tools and equipment applied in horticultural practice	K_W04; K_W05; K_W06	2; 2; 2
U 01 Skills	can plan and perform projects and/or experiments; can to comment obtained results	K_U01	2
U 02 Skills	is able to use bibliographic and websites databases at advanced level, and use proper information technics for acquisition and processing of information data	K_U07	2
K 01 Competences	is ready to establish priorities and be responsible for its realization	K_K03	2
K 02 Competences	is aware of social, professional and etic responsibility for food quality and environmental state	K_K04	2

*)

3 – znaczący i szczegółowy,

2 – częściowy,

1 – podstawowy,