



**Syllabus of Discipline
«Greenhouse's technologies»**

Scientific Degree - Bachelor's degree
Specialty - 201 «Agronomy»
Training Program - «Horticulture and Viticulture»
Year – 2024-2025

EKTS 4,0
English language

Lector
(e-mail)
eLearn

Sleptsov Y.V.
helicopter09@ukr.net
<https://elearn.nubip.edu.ua/course/view.php?id=1468>

ACADEMIC DISCIPLINE DESCRIPTION

(up to 1000 symbols)

Structural elements, engineering systems, and typical projects of various types of greenhouses are studied. The gist of the discipline is to provide students with knowledge on the capacities of construction in order to reduce their costs to obtain the profit.

Acquisition of competences:

Integral competence (IC): The ability to solve complex tasks and problems in the field of horticulture and viticulture during the implementation of professional activities or in the process of learning, which involves conducting research and implementing innovations, which are characterized by complexity and uncertainty of conditions.

General competences (GC): GC 6. Knowledge and understanding of the subject area and understanding of professional activity.

Special (professional) competences (SC): SC 2. The ability to use skills for growing planting material of fruit, berry crops and grapes, propagation of vegetable and garden plants in open and closed soil and mushrooms.

Expected Learning Outcomes (ELO):

ELO 10. Provide consulting and expertise on innovative technologies in fruit growing and viticulture.

ELO 14. Integrate and improve the production processes of growing vegetables and mushrooms in accordance with current requirements.

ACADEMIC DISCIPLINE STRUCTURE

Topic	Hours <small>(lectures/laboratory, practical, seminars)</small>	Learning outcomes	Tasks	Assessment
8 semester				
Module 1				
Topic 1. Greenhouse's elements and constructions.	4\8\10	To know: any elements of Greenhouse's constructions	Completing tests. Writing essays. Self-study (including e-learn).	10
Topic 2. Covering materials.	6\8\10			20
Topic 3. Greenhouses technologies	4\4\4			20

Module 2				
Topic 4. Technologies' of vegetable crops in Greenhouses	16\10\36			20
			Completing tests. Self-study (including e- learn).	
Total for 1st semester				70
Examination				30
Total for the course				100

ASSESSMENT POLICY

<i>Deadlines and exam retaking policy:</i>	<i>EXAMPLE</i> Works that are submitted late without valid reasons will be assessed with a lower grade. Module tests may be retaken with the permission of the lecturer if there are valid reasons (e.g. a sick leave).
<i>Academic integrity policy:</i>	<i>EXAMPLE</i> Cheating during tests and exams is prohibited (including using mobile devices). Term papers and essays must have correct references to the literature used
<i>Attendance policy:</i>	<i>EXAMPLE</i> Attendance is compulsory. For good reasons (e.g. illness, international internship), training can take place individually (online by the faculty dean's consent)

SCALE FOR ASSESSING STUDENTS 'KNOWLEDGE AND SKILLS

Student's rating, points	National grading of exams and credits	
	exams	credits
90-100	excellent	pass
74-89	good	
60-73	satisfactorily	
0-59	unsatisfactorily	fail

10. Recommended sources of information

1. Greenhouse horticulture / Cecilia Stanghellini, Bert Van 't Ooster and Ep Heuvelink. – Wageningen. – 2019.
2. <https://elearn.nubip.edu.ua/course/view.php?id=1468>
3. <https://www.greenhousegrower.com/>