

THE BASES OF HORTICULTURE

(Specialization Horticulture 1th Year of study, 1st Semester)

Credits (ECTS): 4

Course category: Domain discipline (elective)

Course holder:

Professor PhD. ISTRATE MIHAI

Objectives of the discipline:

To acquire the knowledge regarding the Principles of horticulture and their importance in the economy.

To acquaint students from the first year of study with the general notions of horticulture

To present to the students general notions regarding the horticultural production sectors: fruit growing; viticulture and oenology, vegetable growing, floriculture, ornamental arboriculture and landscape architecture

Contents (syllabus)

Course (chapters/subchapters)
1. Introductory notions
1.1. Definition of horticulture
1.2. The history of horticulture
1.3. The role and place of horticulture in agriculture
1.4. Horticulture, cumulative science
2. Horticultural production systems
2.1. The fruit system
2.2. The wine system
2.3. The vegetable system
2.4. The flower system
2.5. The dendrological system
3. Horticultural processing technologies
4. Biotechnologies in horticulture
5. Mechanization of horticulture
6. Protection of horticultural plants
7. Improvement of horticultural plants
8. Organic horticulture and jobs

Seminary activity
1. The fruit system
2. The wine system
3. The vegetable system
4. The flower system
5. The dendrological system
6. Horticultural processing technologies
7. Biotechnologies in horticulture
8. Mechanization of horticulture
9. Protection of horticultural plants
10. Improvement of horticultural plants
11. Organic horticulture

Bibliography

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Evaluation form	Evaluation Methods	Percentage of the final grade
Final exam	Colloquium	60 %
Evaluation of the activity during the semester	Verification along the way	40 %

Contact

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