

History of horticulture (Specialization Horticulture, Ist Year of study, IInd Semester)

Credit value (ECTS): 4

Course category: mandatory

Course holder:

Assoc. Prof. PhD Elena Liliana CHELARIU

Discipline objectives (course and practical works)

- achievement of knowledge regarding the most important stages in evolution of vegetable growing, pomiculture, viticulture, oenology, floriculture and garden art;
- knowing of tendencies regarding horticultural plants cultivation at national and world level;
- understanding of importance and role of horticulture.

Contents (syllabus)

Course (chapters/subchapters)
1. History of horticulture – part of history of agriculture.
2. History of vegetable growing.
3. History of pomiculture.
4. History of viticulture.
5. History of oenology.
6. History of floriculture.
7. History of gardens' art.

Practical works
Role and importance of horticulture.
Comparisons on agrarian revolutions during history of agriculture.
Evolution of cultivation system at fruit trees, of assortment and fruit-growing technologies. Shapes of artistic crowns used during time in pomiculture.
Romanian old vineyards – assortments of grapes and cultivation technologies for vines. Multiplication technologies in Romanian traditional vineyards.
Types of wines obtained in Romanian traditional vineyards – physical-chemical and sensorial characteristics. Oeno-tourism and quality of Romanian wines in context of European Union.
Flower cultivation in Romania. Ornamental plants in spontaneous flora. Traditional flower garden. Traditional and modern technologies in floriculture.
Comparative analysis of different styles and tendencies in gardens art.

Bibliography

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- Chelariu Elena-Liliana, 2015 – *Floricultură – plante de apartament*. Ed. Ion Ionescu de la Brad, Iași.
- Ciofu Ruxandra et al., 2003 – *Tratat de legumicultură*. Ed. CERES, București.
- Cotea D.V. et al., 2003 – *Podgoriile și vinurile României*. Ed. Academiei Române, București.
- Cotea D.V., Pomohaci N., Gheorghiu M., 2010 – *Oenologie*. Ed. TipoMoldova, Iași.
- Cotea Victoria, Cotea V.V., 1995 – *Viticultură, ampelografie și oenologie*. Ed. Didactic și Pedagogic București.
- Davidescu D. et al., 1994 – *Istoria tinerilor în România – tinerii agricultori*. Ed. Academiei Române.
- Dobrei A., Rotaru Liliana, Mustea M., 2005 – *Cultura viei de via*. Ed. Solness, Timișoara.
- Draghia Lucia, Chelariu Elena Liliana, 2011 – *Floricultură*. Ed. Ion Ionescu de la Brad, Iași.
- Grădinaru G., Istrate M., Dascălu M., 1998 – *Pomicultură*. Ed. Moldova, Iași.

Iliescu Ana-Felicia, 2014 – *Istoria artei gr dinilor*. Ed. CERES, Bucure ti.

Munteanu N., Bohatere V., Stoleru V., 2008 – *De la agricultura conven ional la agricultura ecologic* .
Ed. Stef, Ia i.

tefan N. et al., 2013 – *Horticultura României de-a lungul timpului*. Ed. Agricola, Bucure ti.

Vasilic C, Vîntu V., 2012 – *Istoria înv mântului universitar agronomic din Ia i, 1912-2012*. Ed. Ion Ionescu de la Brad, Ia i

Evaluation

Evaluation form	Evaluation Methods	Percentage of the final grade
Course	Written colloquium	60 %
	Monitoring of attendance	10 %
Practical works	Evaluation during semester Presentation of case studies	30 %

Contact

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