

## **PLANT COMPOSITIONS IN LANDSCAPE DESIGNS (LANDSCAPE IV<sup>th</sup> year, 7<sup>th</sup> semester)**

**Credit value (ECTS): 4**

**Course category:**

Domain discipline (**mandatory**)

**Course holder:**

**Assist. PhD PA CU ROXANA**

**Discipline objectives (course and practical works):**

Knowledge and proper use of design principles and plant compositions.

Knowledge of the biological, ecological and technological particularities of the dendrological, floricultural and ornamental fruit-growing species, for their use in different types of plant compositions.

Highlighting the decorative features of the species and the ways of including them in landscaping.

Knowledge and proper use of the concepts related to landscape composition and stylistic and functional relationships.

Applying the aesthetic principles and their effects in nature and within the framework built to harmonize the plant compositions in order to develop the aesthetic sense and to perceive the stylistic harmonies.

Development of design skills, through the appropriate use of compositional principles in choosing and associating plant material for the arrangement of different types of sites.

The use of methods, techniques and tools for directing and shaping the plant material to obtain ornamental shapes within the plant compositions.

Knowledge of the importance, the way of association and distribution of vegetation in the construction of landscapes.

**Contents (syllabus)**

<b>Course (chapters/subchapters)</b>
<b>1. Principles of composition in parks and gardens.</b>
General principles in the choice and placement of ornamental species in landscaping.
The influence on the mental state of the mode of association and arrangement of vegetation.
<b>2. Color in plant compositions.</b>
Influence and effect of colors on landscaping.
Colorful, seasonal planting schemes using dominated colors and their influence on the mental state.
<b>3. Hedges in landscaping.</b>
The evolution in time of the arrangements in which hedges were used.
Systematization of hedges in the world.
Classification of hedges in vegetation.
<b>4. Use of lawn in landscape compositions.</b>
Ways of choosing grass species for their association with dendrological and floricultural species in the arrangement of rockeries, of plant compositions for shaded areas and in water arrangements.

<b>Practical works</b>
<b>Landscape compositions with deciduous species</b>
<b>Landscape compositions with species of conifers</b>
<b>Landscape compositions with flower species</b>
<b>Complex landscape compositions</b>
<b>Modalities of association of the ornamental species to obtain special chromatic effects</b>
<b>Choosing and associating ornamental species for alignments and protective curtains</b>
<b>Choosing and associating ornamental species for the realization of hedges</b>
<b>Plant compositions for various types of sites</b>
<b>Plant compositions for rockeries</b>
<b>Plant compositions for water gardens</b>
<b>Plant compositions for vertical landscaping</b>

### **Bibliography**

1. **Bernardis R., 2010** – *Arboricultur ornamental* , Vol. I i II, Ed. “Ion Ionescu de la Brad” Ia i.
2. **Courtier Jane, 2002** – *Totul despre îngrijirea gazonului*, Ed. Aquila’93, Bucure ti.
3. **Dasc lu Doina Mira, Mirela Cojocariu, 2016** – *Design Peisagistic*, Ed. Ion Ionescu de la Brad, Ia i.
4. **Draghia Lucia, 2004** – *Floricultur* , Ed. “Ion Ionescu de la Brad”, Ia i.
5. **Iliescu Ana-Felicia, 2006** – *Arhitectur peisager* , Ed. Ceres, Bucure ti.
6. **Nitschke G., 2007** – *Japanese Gardens*, Ed. Taschen, Koln.
7. **Sandu Tatiana, 2009** - *Arboricultura ornamentală*, Ed. “Ion Ionescu de la Brad”, Ia i.
8. **elaru Elena, 2007** – *Cultura florilor de gr din* , Ed. Ceres, Bucure ti.
9. **Zlati Cristina, Gradinariu G., 2010** – *Pomologie*, Ed. Moldova, Ia i.

### **Evaluation**

<b>Evaluation form</b>	<b>Evaluation Methods</b>	<b>Percentage of the final grade</b>
Written exam	Knowledge and understanding of the concepts contained in the course	70%
Seminar/ laboratory	Practice of using information sources, drawing up and presenting the portfolio with the exercises performed during the laboratories	30%

### **Contact**

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