

## VEGETAL DESIGN (II) - Landscape Specialization, 1st year APUT Master, 2nd Semester

**Nr. transferable credits: 3**

**Domain discipline (required)**

**Discipline holder:**

**Chief of doctor works SANDU TATIANA**

**The objectives of the discipline (course and applications):**

The course and practical applications have the following objectives:

- transmission of information on the modalities of using the ornamental species in landscaping;
- knowledge of the way of association and distribution of vegetation in the construction of landscapes;
- theoretical and practical training in the field of landscape design, the development of creativity in order to work in detail with all landscape morphological elements;
- knowledge and use of the notions regarding the component elements of urban and territorial green spaces;
- the knowledge and appropriate use of the notions and practical information regarding the landscape composition and the stylistic and functional relationships.

**Content of the discipline**

<b>COURSE (Chapters / Subchapters)</b>
<b>Head. 1. Introduction to plant design.</b> Functions and functionality of plant design.
<b>Head. 2. Landscape features of ornamental trees and shrubs.</b>
<b>Head. 3. Ornamental trees and shrubs for various environmental conditions in Romania.</b>
<b>Head. 4. Dendrological vegetation and plant design.</b> Coniferous trees used in plant design. Coniferous shrubs used in plant design. Deciduous trees used in plant design. Deciduous trees decorated with flowers and fruits used in plant design. Deciduous shrubs used in plant design.
<b>Head. 5. Plant design for rocks.</b> The association of vegetation to realize Alpine gardens and the rocks (rocks).
<b>Head. 6. Vegetable design for water gardens.</b> Association of aquatic vegetation and waterfront.
<b>Head. 7. Plant design for landscaping.</b> The association of vegetation for slopes, terraces and walls.
<b>Head. 8. Vegetable design for horizontal landscaping.</b> The association of vegetation for flat lands.
<b>Head. 9. Plant design for complex landscaping.</b>

<b>Practical work</b>
General principles in the choice and placement of ornamental species in landscaping.
Spatial distribution of vegetation in landscape construction.
The choice of ornamental wood species in landscape compositions.
The grouping of woody species in landscape compositions.
Choosing and associating ornamental species for alignments, groups and curtains
Choosing and associating ornamental species for massive and living fences.
Vegetable design composed of hardwood species.
Plant design composed of species of conifers.
Plant design compositions for rocks.
Plant design compositions for water gardens.
Plant design compositions for landscaping
Plant design compositions for roof gardens
Plant design compositions for modern, urban landscaping.

**Bibliography**

1. **Dobbs, Liz, Wood Sarah, 2002** - *Garden design technique*, Aquila '93 Publishing House, Oradea.
2. **Florincescu Adriana, 1999** - *Landscape architecture*, Divya Cluj Napoca Publishing House.
3. **Iliescu Ana-Felicia, 2001** - *Guidance for the initiation in landscape design*, USAMV, Bucharest,
4. **Iliescu Ana Felicia, 2003** - *Landscape architecture*. Ceres Publishing House Bucharest.
5. **Sandu Tatiana, 2009** - *Ornamental arboriculture*. "Ion Ionescu de la Brad" Publishing House, Iași.
6. **Sandu Tatiana, 2015** - *Landscape architecture. Practical works*, "Ion Ionescu de la Brad" Publishing House, Iași.

### **Final evaluation**

<b>Forms of evaluation</b>	<b>Modalities of evaluation</b>	<b>Percentage of final grade</b>
Written exam	Acquiring knowledge presented at lectures and in the supplementary bibliography	60%
Practical works	Presentation of the application portfolio from the practical works	40%

### **Contact**

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