

Lawns in parks and gardens (III-rd Year of study, IV-th Semester)

Credit value (ECTS) 4

Course category

Domain (Imposed)

Course holder:

Prof. PhD. Vasile VÎNTU

Discipline objectives (course and practical works)

The course aims to transmit and acquire knowledge about the correct interpretation of the role and location of the lawn in parks and gardens, the main plants that can be used to make a good quality landscape lawn, the establishment and maintenance of lawns.

The practical applications aim at the formation of skills and competences regarding, the recognition of species and seeds for lawn, the composition of mixtures of species for the establishment of lawns in parks and gardens, with various destinations, the appreciation of the quality of lawns.

Contents (syllabus)

Course (chapters/subchapters)
Chapter 1. The lawn importance in landscape architecture
Chapter 2. Turf types and forms 2.1. Ornamental turf 2.2. Useful turf (recreational, public spaces, sport, fixation, special) 2.3. Turf with herbaceous species
Chapter 3. Plant species used for lawns establishment 3.1. Grasses 3.2. Legumes 3.3. Other useful lawn species
Chapter 4. Lawns establishing technologies 4.1. Direct seeding lawns establishing technologies 4.2. Rolls/plates lawns establishing technologies
Chapter 5. Lawns maintenance 5.1. Gaps filling 5.2. Irrigation 5.3. Mowing 5.4. Fertilization 5.5. Pests and diseases control 5.6. Weeds control 5.7. Soil compaction cure/aeration
Chapter 6. Lawns regeneration

Practicum
L1-L2 - Morphological and biological properties of lawn grasses;
L3 - Morphological and biological properties of legumes and other turf plants;
L4 - Recognition of fruits and seeds of lawn plants;
L5-L6 - Preparation of a project for setting up lawns;

L7-L8 - Composition of mixtures for setting up lawns; project activities;
L9-L10 - Technical-cultural works for the establishment of lawns; project activities;
L11-L12-L13 - Technical-cultural works for lawn maintenance; project activities;
L14 - Test for the recognition of the main species and seeds/fruits of lawn plants.

References

1. Courtier Jane, 2002 - Totul despre îngrijirea gazonului. Editura Aquila'93.
2. Ionel Adrian, **Vîntu Vasile**, 1999 - Cultura paji tilor și a plantelor furajere-îndrumar practic. Editura „Ion Ionescu de la Brad” Iași.
3. Kellner E., 1974 - Gazonul. Editura Ceres, București.
4. Moisuc Alexandru, Veronica Ștefan, 2008 - Gazonul. Editura Agroprint, Timișoara.
5. Petrescu Fl., 1983 - Lucrări de întreținere în parcuri și grădini. Editura Ceres, București.
6. *** - „Grassland science in Europe” science journals collection.

Evaluation

Evaluation form	Evaluation Methods	Percentage of the final grade
Exam	Oral examination	65%
Appreciation of the activity during the semester	Oral assessment during the semester, verification tests and final laboratory colloquium.	35%

Contact

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