



**Entitlement** Maintenance technologies for greeneries, 4 ECTS

### Prerequisites

B2 level of English language

**Main aim** To provide knowledge of maintenance technologies for greeneries in order to develop competence of herbaceous and woody ornamental plants maintenance. To develop competence of maintenance technologies for greeneries process planning and to use rationally equipment.

**Summary** They will learn about ornamental plants growing and maintenance, plant protection measures and performance is analyzed. How to plan, organize the process of maintenance technologies for greeneries according to labor and civil requirements is analyzed.

### Learning Outcomes

1. Will be able to name the groups of plant pests, the possible causes of damage
2. Will know the biological characteristics of plant nutrition (photosynthesis, respiration, plant productivity)
3. Will know the legal bases of plant protection and will be able to use them, will use innovative plant technologies in the context of integrated plant protection
4. Assess the nutritional needs of the plant, taking into account the cultivated crop, soil fertility, use of mineral and organic fertilizers
5. Will analyze the principles of plant formation and pruning
6. Prepare a greenery maintenance plan

### Syllabus

1. Plant pests and damage, limits of harm
2. Assessment of the most important plant diseases, phytosanitary condition
3. Segetal flora in greenery, limits of harmfulness
4. Plant protection methods and measures, legal regulation
5. Fertilizers their properties and needs
6. Plant pruning and formation
7. Creation of a greenery maintenance plan, selection of measures

### Evaluation procedure of knowledge and abilities

Intermediate settlements, Self-study assignments, Practical work report, Examination