Universidad Zaragoza

Academic Year/course: 2023/24

28949 - Gardening and landscaping

Syllabus Information

Academic year: 2023/24
Subject: 28949 - Gardening and landscaping
Faculty / School: 201 - Escuela Politécnica Superior
Degree: 583 - Degree in Rural and Agri-Food Engineering
ECTS: 6.0
Year: 4
Semester: First semester
Subject type: Optional
Module:

1. General information

The overall objective of the subject is to learn about the different types of gardens throughout history, to know the evolution of landscaping and its composition with plant elements, and to learn about the most common gardening techniques-

The student will learn to apply this knowledge to the design, drafting and execution of landscape and gardening projects in a rational way, applying the most appropriate technologies to the environment.

These goals are aligned with some of the SDGs of the 2030 Agenda and certain targets, specifically: Goal 11: Sustainable cities and communities, targets 11.3 and 11.7; Goal 15: Life of terrestrial ecosystems, target 15.8.

2. Learning results

The subject of Gardening and Landscaping will provide the student with sufficient knowledge about the basics of the different types of gardens throughout history, landscaping and its composition with plant elements as well as the most common gardening techniques . In addition, the student should be able to apply the legislation associated with the creation and construction of urban and periurban green spaces and sports facilities. They should be able to analyze specific situations, make decisions, solve problems and write projects in the field of gardening and landscaping,demonstrating the ability to apply knowledge in practice.

3. Syllabus

Theory:

Block I. History of gardening

Block II. Gardening techniques and plant elements

Block III. Landscaping Design and Projects

Block IV. Installations and maintenance of green areas.

Practices:

Submission of documentation and proposal of the work/project of the subject

Presentation of the pre-project: first decisions and solutions

Presentation and oral defense of the project

Maintenance and management of green spaces

Maintenance and management of sports facilities

The gardening company

Garden maintenance tools and techniques

Technical visits

4. Academic activities

- Participative lectures. 30 classroom hours.

- Laboratory/cabinet practices. 10 classroom hours.

-Technical visits: 16 classroom hours.

(These activities are subject to the budget available for their implementation).

-Supervised course work and oral presentation. 4 classroom hours.

-Study for the written test, completion of the test and writing of the tutored work, a total of 90 hours of work autonomous work of the student. For a better monitoring of the learning process, students will be encouraged to use the tutoring hours, especially for

the completion of tutored work.

5. Assessment system

1 Global written test at the end of the term (20%) according to the syllabus of the subject and according to the EPS exams calendar . The test will consist of:

-Multiple choice multiple choice questions (4 points out of 10). Correct answer +1pt; incorrect answer -0.25pt).

-Short questions to be developed (6.0 points out of 10).

2 Presentation of the reports of the technical visits carried out (5%).

3 Presentation and oral defense of the work/project of the subject (75%). This work will be done on an individual basis.

If the minimum requirement of 4 points out of 10 is not reached in any of the assessment activities, will not be considered approved even if the final grade averaged CF, is equal or higher than 5. In this case, the final grade that will be reflected in will be:

If final grade averaged, CF > 4, Fail, 4.

If final grade averaged, CF < 4, Fail, CF.

If in the first call of the same academic year a part of the subject has been passed and another part has been failed , in the second call the grades of the parts passed will be maintained. However, these grades will not bemaintained in the following academic years.

The success rates for the subject in the last three years are: 2019/20: 85,71%; 2020/21: 100%; 2021/22: 1005