

56S1-ROSOGWK

HORTICULTURAL PLANTS IN LANDSCAPE

ECTS: 2.0

HOURS PER SEMESTER/WEEK: LECTURES: 15/1; CLASSES: 15/1

FIELD OF THE STUDY: Environmental protection

Level of study: First-cycle (Engineer's degree) program

Course status: obligatory *

Year of the study: III

COURSE CONTENTS

LECTURES: Useful and decorative functions of an orchard, vegetable, and spice garden in a different landscape. Decorative values of fruit, vegetable, and spice plants during the growing season and after harvest. Spatial and species compositions of fruit and vegetable plants. Laying colorful carpets, borders, and annual hedges of vegetable and spice plants. Growing vegetables and spices in hanging containers, pots, and boxes - places for exposition.

CLASSES: Selection and characteristics of species and varieties of fruit trees and shrubs for use in planting. Diversity of species and varieties of vegetables and spices in gardens. Arrangement of species and varieties of fruit and vegetable plants. Single, carpet, border and hedge plantings of one and two colors. The neighborhood of vegetable and spice plants - its aesthetic and protective advantages. Care treatments. Familiarization with particular species of horticultural plants for different positions.

EDUCATIONAL PURPOSE: The importance of fruit and vegetable plants in shaping the landscape. Characteristics of these plants, their habitat and nutritional requirements and care.

LEARNING OUTCOMES

Knowledge. The student has knowledge of sustainable use and biodiversity. The student has knowledge about the role and importance of horticultural plants in the natural environment.

Skills. The student is able to recognize individual species of horticultural plants. He has the ability to solve practical tasks related to the cultivation of these plants.

Social competences. The student is aware of the importance of biodiversity in the cultivation of horticultural plants. He is responsible for the production of healthy food and can improve its taste

TEACHING FORMS AND METHODS

Lectures. Multimedia presentation.

Classes. Laboratory exercises.

FORM AND CONDITIONS FOR VERIFICATION OF LEARNING OUTCOMES

Lectures. Written test - knowledge of 60% of the material presented in the lectures is required to pass the exam.

Classes. Written test - knowledge of 60% of the material presented in the classes is required to pass. Presentation - presentation of the concept of a home garden.

BASIC LITERATURE

- 1) Pieniążek Sz., Sadownictwo, Wyd. PWRiL, 2000.
- 2) Chmiel H., Uprawa roślin ozdobnych, Wyd. PWRIL WARZSZAWA, 2000.
- 3) Knaflowski M., Ogólna uprawa warzyw, Wyd. PWRIL, Poznań, 2007.

ADDITIONAL LITERATURE

- 1) Podczaska A, Warzywa ozdobą ogrodu, wyd. IW Skierniewice, 2001.

THE TEACHER/TEACHERS CONDUCTING THE CLASSES:

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