

LAR307 – Indoor and Greenhouse Flowers

Department of Landscape Architecture – Elective course

Credit: 3 ECTS: 4



Course Description: LAR307 explores the ecological differences of indoor and garden plants, delving into the ecological conditions of greenhouses, and covers topics such as annual and perennial flowers, seasonal flower production, and their use in landscaping, including discussions on lighting, temperature, water, soil, and plant nutrient requirements.

Course Outcomes:

- Participants will assess and implement sustainable practices in the production and utilization of indoor and greenhouse flowers, incorporating eco-friendly cultivation methods and minimizing environmental impact.
- Students will analyze the ecological differences of indoor and garden plants, making informed decisions about plant selection based on sustainability principles, biodiversity conservation, and environmental adaptability.
- Gain proficiency in designing and managing greenhouses with a focus on resource efficiency, water conservation, and energy-saving strategies, contributing to sustainable agricultural practices.
- Understand and apply seasonal flower production techniques, considering the environmental implications and incorporating responsible landscaping practices for diverse climatic conditions.
- Develop skills in systematic presentation and classification of indoor plants, integrating aesthetic and ecological considerations, and promoting responsible use in indoor environments.
- Students will evaluate and implement sustainable approaches to meet the lighting, temperature, water, soil, and plant nutrient requirements of indoor and greenhouse flowers, ensuring the long-term health and vitality of the cultivated plants.