



Floriculture

The historical development, problems and prospects of Hellenic Floriculture are described. Information is given on the organization and management of floricultural nurseries including greenhouse equipment. Flowering plants are classified and reproduction methods are studied along with the ecological environment with an emphasis on temperature, light intensity and photoperiod, the cultivation systems and techniques and scheduling of production of carnation, gardenia, gerbera, chrysanthemum, gladiolus and gypsophile. Hydroponic systems, the post-harvest handling of flowers, the marketing of floricultural plants, the integrated management and the certification of floricultural production are described. In the Laboratory section, the students familiarize themselves with the greenhouse equipment and facilities, the utilizes substrates, the identification of the main cut flowers and potted plants and establish a carnation culture which they pinch. In addition, students are tutored to recognize and apply the various modes of vegetative propagation and underground storage organs. Finally, they apply techniques for standardizing cut flowers and determine their effect on post-harvest duration and quality. Students are expected to acquire a rigid scientific background with simultaneous experiential experience in the principles and applications of Floricultural production.