



Commercial Floriculture

It is a continuation of Floriculture (4th semester) and aims to provide specialization to those students interested in the cultivation of floricultural crops. The course utilizes the already taught fundamental concepts, cultivation techniques and innovative methodologies, and offers specialization in taxonomy, uses, propagation, environmental and growth conditions, cultivation systems and techniques with an emphasis on growth and flowering control and the post-harvest handling of the main cut flowers, leafy and flowering plants, cacti and succulents. The course includes cut and compact roses, lilies, azaleas, poinsettias, kalanchoe, hydrangea, anthurium, orchids and hypericum. In addition, the principles of flower arrangement and elaboration on the hydroponics of flower plants are also included. The Laboratory section is based on experiential education. Students become familiar with crops and techniques through the establishment of comparative research studies. Students create their own research studies and monitor the results of the imposed factors throughout the semester. Students, are expected to create their own cuttings, develop compact plants, promote the flowering of photoperiodic plants, be able to pinch, and assess the transpiration and post-harvest duration and quality of cut flowers, prepare hydroponic solutions and compose their own floral arrangements. Students are expected to acquire a significant scientific background with concurrent experiential experience and expertise in multiple floricultural crops along with the development of comparable thinking skills based on statistical analyses.