



### **Advanced Viticulture**

The aim of the course is the theoretical and practical training of the students in subjects related to the cultivation techniques applied in modern viticulture, and the ampelographic study of the grapevine cultivars and rootstocks. Subjects taught include: Ampelographic study of grapevine cultivars. Genetic origin and propagation of rootstocks. Physiological effects of rootstocks. Rootstock selection criteria. Factors affecting ripening and quality. Wine grape, table grape, and raisin grape cultivars. Legislative classification of Greek wines. Special cultivation techniques to improve the quality of table grape cultivars. Organic and Integrated Viticulture. Mass and clonal selection. Micropropagation of the grapevine and the process of producing certified propagating material. Grapevine nursery policies and procedures. Grapevine grafting methods. Precision Viticulture.