



Deciduous Fruit Trees

The aim of the «Deciduous Fruit Trees» course is the understanding and the ability to use the principles of deciduous fruit growing by the undergraduate students of the Department. The course includes the following topics: a) the familiarization with the deciduous fruit trees; b) the vegetative organs and the fruiting of deciduous fruit trees; c) the understanding of the biotic and abiotic factors that determine the growth and development of deciduous fruit trees; d) the growing methods and modern technologies used in the orchards; e) the propagation, including crafting, of the deciduous fruit tree rootstocks and varieties; f) the use of modern canopy management methods; g) the design and establishment of modern deciduous fruit orchards with appropriate rootstocks and varieties and adapted to the local environmental conditions; i) the establishment of deciduous fruit tree nurseries; j) the growing of deciduous fruit trees with different management systems such as integrated that aim at reducing production cost, minimizing negative environmental impacts and producing quality fruit products.