### Learning outcomes of the professional undergraduate study Mediterranean Agriculture

Assess the quality of planting material and produce planting material by the appropriate propagation method.

Recommend the production technology for vegetables and medicinal plants outdoors and in protected areas according to the requirements of a certain species, and evaluate the quality of vegetables and aromatic herbs on the basis of internal and external quality.

Prepare a plan for the cultivation of Mediterranean crops, including economic and cultivation elements.

Perform the care of perennial plantations of Mediterranean crops in accordance with the cultivation form and maintain them in view of the technological and ecological conditions of production.

Design irrigation models based on water balance and apply classic and special irrigation models.

Determine economically significant pests and implement preventative and curative methods of plant protection with respect to the production system.

Recommend manners of breeding and processing indigenous breeds of domestic animals in order to increase the profitability of family farms.

Conduct correction of crushed grapes, grape must and wine on the basis of chemical composition and apply new technologies in wine production, care, stabilization and finalization.

Recommend raw materials, tools and method of preserving Mediterranean crops and bee products.

1. Interpret virgin olive oil production technology.
2. Present oil in a professional manner, using expert terminology in describing and evaluating the oil, interpreting the sensory experiences and quality of virgin olive oil.
3. Prepare business process organization plan in agricultural production at family run farms.