



Agricultural Hydraulics I

The aim of the course is for students to acquire comprehensive knowledge regarding irrigation, to be able to identify and connect irrigation components, to be able to understand the correlation of the quality of the irrigation water with the type of plant, the quality of the soil, the way and the dose of irrigation. Also, through the irrigation course, students gain the opportunity to prepare complete irrigation studies.

After successful completion of the course, students will know:

- To carry out microbiological analyzes of irrigation water as well as the determination of pH, salinity, hardness and nitrates of irrigation water.
- Assess soil moisture conditions and determine soil moisture
- To recognize all components, to know their use and connections.
- To be able to carry out an irrigation study.