

## BTSA - Agronomie : productions végétales

### AGRONOMY: CROP PRODUCTION

This diploma trains students in the implementation of field crops within the framework of a system of crops and technical routes reasoned and adapted to the objectives and constraints of the agricultural holding. The student learns to characterize the soil and analyze the potential of a plot. It acquires a good knowledge of the functioning of the plant (cycle, biology, nutrition, reproduction) and of the plant-soil-air interaction in the agroecosystem. To carry out mechanized work sites, its training includes courses on agroequipment, both in terms of practical use and at the organisational level. He is also able to conduct experiments, interpret results and adapt his advice to farmers.

All this knowledge must allow the student to make good technical-economic choices and cropping system to optimize crop production while preserving the natural resources of the environment.

- Duration of training: 2 years
- 28 weeks of school education with a student schedule of 30 hours per week
- European Qualifications Framework : level 5
- The training includes 16 weeks of internship

#### Jobs prepared by the training / Sector of activity

Head of Crop/Farm Operator, Development Consultant or Technician, Experimentation Technician, Control Technician, Elevator Manager/Supply Manager



#### Skills acquired during training

- C1. Expressing, Communicating and Understanding the World
- C2. Communicating in a foreign language
- C3. Optimize your motor skills, manage your health and socialize
- C4. Implement a mathematical model and computer solution suitable for data processing
- C5. Adapt its business to market constraints and developments
- C6. Participate in the management of the agricultural enterprise or the para-agricultural enterprise of the crop production sector
- C7. Managing a plant stand in relation to local resources with a view to sustainability
- C8. Implement agroequipment in compliance with health, safety and environmental protection requirements
- C9. Propose and implement a culture system in a given situation based on pre-established objectives
- C10. Mobilizing the expected gains of the senior agronomy technician: crop production to cope with a situation
- professional