

BTSA Aquaculture

AQUACULTURE

This diploma trains students in the management of an aquaculture business. The training focuses primarily on the study of natural and artificial aquatic environments and on the knowledge of species raised and cultivated in aquaculture. The student acquires the skills necessary to conduct aquaculture production: selection of spawners, modes of reproduction, cycles of growth, modes of feeding, needs of species, monitoring of health status. He learns to use aquaculture equipment and to maintain it. Whether it is a production in fresh water or in the marine environment, in the natural environment or in tanks, students are made aware of the impacts of their activity on the environment, on water quality. The economic aspect is the other important aspect of this training. The student is trained in business management, accounting. He learns to carry out diagnostics that take into account the technical, financial, regulatory and environmental aspects of the livestock activity. He is able to make choices or formulate advice to adapt the production to the market and the constraints of the exploitation.

- 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

Aquaculture producer or aquaculturist, livestock manager, site manager, site manager or platform 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. Analyze the functioning of aquatic ecosystems
- C6. Characterize the potential for aquaculture production in a territory taking into account sustainable development
- C7. Conduct a breeding process in compliance with regulatory constraints, animal welfare and the environment
- C8. Implement aquaculture equipment in compliance with health, safety, environmental protection and animal welfare requirements
- C9. Participate in the piloting of the aquaculture enterprise
- C10. Mobilize the expected achievements of the senior aquaculture technician to cope with a professional situation