Federation for EDucation in Europe
Fédération Européenne Des Ecoles

EUROPEAN BACHELOR'S
ENVIRONMENTAL TECHNOLOGY

Today's organisations, in conducting their work, are increasingly aware of the need to take into account environmental concerns, evolving social behaviour and regulations encouraging the recruitment of trained professionals capable of providing advice and assistance on environmental issues.

Those working in the sector seek solutions to resolve various issues or else might focus on prevention and raising public awareness of environmental issues. The European Bachelor's in Environmental Technology provides broad-ranging technical, practical and operational expertise.

CAREER DESTINATIONS

- Environmental Facilitator
- Quality and Environment Facilitator
- Nature Facilitator
- Junior Consultant in a company or community
- Technical Environmental Service Manager for a regional institution
- Environmental Advisor
- Environmental Manager

KEY SKILLS

- Understand water and energy resource management
- Understand management of waste, emissions and noise
- Analyse a situation from an environmental point of view
- Propose solutions to prevent or improve a situation
- Follow and monitor the implementation of hygiene, safety and environmental rules by teams and facilities in line with official regulations and standards;
- Identify developments in risk prevention and monitor their implementation while ensuring protection and a reduction in the impacts and risks of industrial activity on people, property and the environment
- Network effectively

Designed by experts and professionals, the European Bachelor's in Environmental Technology is fully geared towards the contemporary job market, providing students with the knowledge and practical skills needed to begin a career in the environmental sector.
Students acquire a range of analytical and operational skills needed for successful career growth.

EUROPEAN BACHELOR'S
Environmental Technology

60 ECTS credits

Admission requirements

The European Bachelor's in Environmental Technology requires:

- either prior completion of a European Qualifications Framework (EQF) level-5 degree (120 ECTS credits);
- or official validation of equivalent experience (at least one year's recognised sector-relevant experience).

PROGRAMME CONTENTS

1 - Environment: Overall Context

Based on two modules, this unit ensures students:

- are familiar with the National administrative system;
- can identify economic challenges associated with the environment;
- understand the components of the environment and how they interact;
- can classify types of pollution according to physical, chemical and biological criteria;
- can establish the toxicity of pollutants;
- can discuss environmental disasters;
- have a basic knowledge of law and are familiar with environmental laws;
- can plan and coordinate projects;
- are aware of the importance of oral communication and IT tools;

2 - energy, water, waste, emissions and noise management.

Based on two modules, this unit ensures students:

- are aware of the context of the demand for energy management;
- are capable of conducting an energy diagnosis;
- can understand the vital importance of access to water resources;
- can understand water development projects in the context of the need for water management;
- can diagnose a water ecosystem and define the quality of water resources;
- are familiar with the physical and chemical properties of water;
- are familiar with drinking water production and waste water treatment methods;
- understand the importance of waste management, waste disposal channels and modes of refuse collection;
- identify methodologies for measuring atmospheric pollution;
- are familiar with techniques for reducing noise pollution.

3 - Environmental Management, Agri-Environmental Measurements, Hygiene and Safety

Based on two modules, this unit ensures students:

- are familiar with environmental management and corresponding frames of reference;
- can design an environmental programme within the framework of ISO 14001;
- are familiar with the principles of documentary systems as applied to environmental management systems;
- are aware of interactions between agriculture and the environment;
- can identify means of action;
- are familiar with basic aspects of workplace hygiene and safety;
- can perform first aid.

4 - Professional Experience

A strong point of FEDE European bachelor's degrees is the requirement for students to consolidate their learning and gain a careers head start through hands-on work experience. The aim is to apply the knowledge and skills acquired during the programme and gain professional confidence.

By completing a work placement in their chosen field, students acquire direct knowledge of the sector and all-important experience in their future role. Students also carry out a supervised project. The project requires them to devise and implement a strategy for completing a professional assignment.

Students produce a dissertation or activity report and present their findings orally.

5 - European Culture and Citizenship

This unit ensures students:

- have a solid knowledge of the workings, institutions, geography, geopolitics and economics of Europe;
- understand the European model and how it differs from other models in terms of history, regulations, law and culture;
- understand Europe in a broader sense (intercultural aspects, human resources, policies, religions, international trade, taxation etc.);
- have the tools necessary to do business in an EU country;
- understand relevant cultural codes and their impact on interpersonal relations;
- can supervise employees and encourage staff mobility in order to raise their international career prospects.

6 - Modern European Language

This module ensures students:

- have CEFR level B1 (writing and speaking) in a modern European language;

It results in the awarding of the FEDE Language Certificate; the Certificate is based on the CEFR and is recognised by the IFEF.

For more information:
https://www.fede.education/fr/nos-diplomes/

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