



Federation for **E**Ducation in **E**urope
Fédération Européenne Des Ecoles



EUROPEAN BACHELOR'S QUALITY, SAFETY AND ENVIRONMENT

As part of a company's development strategy, quality, safety and environment (QSE) specialists provide risk management expertise and help implement a company's integrated management system. Careers in this domain are ever-evolving and closely associated with sustainable development.

QSE professionals may choose to specialise in a specific domain, such as industry or construction, or else to develop their careers in fields associated with quality control, such as professional training. QSE experts must be extremely rigorous and possess both excellent people and technical skills.

✓ CAREER DESTINATIONS

- QSE Assistant
- Deputy QSE Manager
- QSE Facilitator
- QSE Policy Officer
- QSE Auditor
- QSE Coordinator
- QSE Inspector



KEY SKILLS

- Assist and advise a company director on QSE
- Maintain good relations with European partners
- Assess the QSE risks taken by a company and its partners
- Put in place a prevention and ongoing improvement strategy
- Implement appropriate QSE tools
- Ensure that National and European regulations are respected
- Raise awareness of QSE among staff and get them on board with QSE strategies
- Apply for certifications
- Audit the QSE performances of the company and its providers

Designed by experts and professionals, the European Bachelor's in Quality, Safety and Environment ensures students develop the key knowledge and operational skills sought by employers in the sector today. This up-to-date programme is a strong basis for long-term career growth, providing transferable skills relevant to a number of sectors.

EUROPEAN BACHELOR'S

Quality, Safety And Environment

60 ECTS credits



Admission requirements

The European Bachelor's in Quality, Safety and Environment 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 - Knowledge of Businesses, Management and Tools for QSE Facilitators

Based on two modules, this unit ensures students:

- understand a company as a complex system with sections dedicated to strategy, supplies, R&D, production, trade and accounting;
- understand interactions between the various sections of the company and its overall financial equilibrium;
- are familiar with the main concepts and tools of production management;
- know how to identify problems, take decisions and assess the impact of their decisions on production operations;
- are able to observe existing QSE systems;
- are able to analyse the strengths and weaknesses of the systems observed;
- develop their critical thinking;
- are able to use QSE tools;
- can pilot a project thanks to their understanding of malfunctions and support change processes;
- can lead and energise meetings.

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.

2 - Quality and Safety Management

Based on two modules, this unit ensures students:

- understand concepts associated with quality, how they have changed and how quality is managed in companies;
- understand relevant processes and interpret performance indicators;
- understand the principle of ongoing improvement;
- understand the process-based approaches and the importance of certification and accreditation;
- can conduct a quality audit and understand ISO 19011;
- can work with National and European safety regulations;
- understand the philosophy and structure of safety management specifications;
- understand the requirements of the OHSAS 18001 specification and can implement it using an appropriate methodology;
- can build a management quality system;
- can draw up safety documents;
- are aware of the differences between safety auditing and quality auditing.

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.

3 - Environment Management and Systems Integration

Based on two modules, this unit ensures students:

- understand the background and usefulness of an environmental strategy for companies;
- understand the role of an environment manager or facilitator;
- understand National and European regulations;
- are familiar with environment auditing as compared to quality auditing;
- understand the importance of QSE integrated management systems;
- are able to integrate systems;
- understand the ISO 31000 risk management standard.

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/>

