



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



# EUROPEAN MASTER'S ENVIRONMENTAL AND ENERGY MANAGEMENT

Issues surrounding the environment and energy are at the heart of current affairs and represent key strategic concerns for both organisations and governments. The concept of CSR – corporate social responsibility – plays an important role in encouraging organisations to pay attention to social, environmental and managerial issues as part of their commercial strategy.

The European Master's in Environmental and Energy Management provides solid skills and knowledge concerning the regulations, technology and economic measures that can be used to nurture the growth of an organisation. Managers working in the energy and the environment sector are involved in diagnosis, consulting, the creation of energy management action plans, and the development of renewable energy. In all cases, their overall aim is to establish a policy of ongoing improvement.

## ✓ CAREER DESTINATIONS

- Energy/Environment Manager
- Energy/Environment Research Manager
- Energy/Environment Auditor
- Eco-Advisor for a Consular Chamber
- Energy/Environment Consultant
- Sustainable Development Manager
- Energy Research Consultant



## KEY SKILLS

- Have a good knowledge of environment and energy law and of the auditing tools needed to make an energy and environmental diagnosis
- Design energy and environmental management strategies for a sustainable business; implement energy and environment plans as part of a broader programme
- Implement energy management system processes and procedures and environmental management and conduct the studies needed to complete a business's energy and environment programme
- Train staff and lead teams
- Communicate internally and externally and distribute action plan documentation
- Evaluate programmes and measure performance

Designed by experts and professionals in the field, the European Bachelor's in Environmental and Energy Management is an innovative, hands-on programme that provides students with the skills demanded by the contemporary energy and environment sector.

The programme is an excellent basis for future career growth in a sector that is strategically vital for all organisations.

# EUROPEAN MASTER'S

## Environmental and Energy Management

120 ECTS credits



### Admission requirements

The European Master's in Environmental and Energy Management requires:

- either prior completion of a European Qualifications Framework (EQF) level-6 degree (180 ECTS credits);
- or official validation of equivalent experience (at least one year's recognised sector-relevant experience).

PROGRAMME CONTENTS

### 1 - Basic Tools

This unit ensures students:

- are familiar with the legal bases of French and European environment and energy law;
- can work with statistics and interpret data;
- are aware of the professional ethics governing digital data processing;
- can use financial management tools;
- understand the competences required of an environmental manager;
- can adapt their management style to a diverse groups;
- can prepare and lead a training course;
- can pilot an environmental project;
- can put together the following professional files: IPCE authorisation request; IPCE declaration; environment and energy diagnosis

### 2 - Environmental and Energy Diagnoses

This unit ensures students:

- conduct an environment and energy diagnosis;
- build a multidisciplinary team appropriate to a given environmental and energy policy;
- be aware of different diagnostic techniques (internal and external);
- can use various tools and techniques for evaluating and managing performance;
- can assess the impact of environmental and energy management for a business;
- can carry out an environment and energy audit;
- can monitor the environmental and energy situations affecting an organisation;
- are familiar with standards and certifications;
- calculate costs;
- can define and communicate the aims of changes undertaken.

### 3 - Applying Basic Tools and Action Plans: Environment and Energy Solutions

This unit ensures students:

- understand environment and energy law as applied to policies for combating waste; understand legal obligations concerning waste collection, waste processing and energy;
- can analyse a problem in its legal and regulatory context;
- can measure and manage performance, particularly by analysing a company- or regional-level situation in terms of technical, economic, environmental, social and institutional concerns;
- can formulate technical proposals to meet specific issues that have been clearly identified;
- can use an interdisciplinary approach to work with other disciplines or institutions.
- can help a business or local government obtain certification.

### 4 - Professional Experience

A strong point of FEDE European master's degrees is the requirement for students to consolidate their learning and gain a careers head start through hands-on work experience.

The first-year professional project addresses management issues encountered during an internship or the work portion of sandwich training. Students produce a dissertation outlining the strategy adopted and the strategic tools employed.

In the second year students undertake a three-month internship and produce a professional dissertation on sector-relevant issues. Student analyse a business's environment and makes orientation and strategic recommendations.

The two dissertations are presented orally.

### 5. Businesses, Competition, and Europe

This module ensures students:

- are conversant with issues surrounding concepts of business, competition and markets, as defined by EU legislation and decrees issued by the Court of Justice of the European Union;
- can demonstrate the importance of changes to rules concerning the behaviour of companies and concentrations between undertakings;
- know the role of the authorities in charge of applying business competition rules;
- are familiar with processes to ensure products comply with European internal standards.

### 6 - Modern European Language

This module ensures students:

- have CEFR level B2 (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/>

