



OÉ Gaillimh
NUI Galway

FOCUSSED LEARNING. ENDLESS POSSIBILITIES.

SPECIALIST DIPLOMA
IN CORPORATE
ENVIRONMENTAL
PLANNING



- + Part-time
- + Flexible
- + Online
- + Connected
- + Career
- + Opportunity

REASONS TO STUDY THIS COURSE:

- This is a practice based course for professional development and role specialisation.
- You will be positioned to support your organisation to achieve better environmental performance leading to improved resource efficiency and direct cost savings.
- You will be equipped to assume environmental leadership and management positions in a range of organisations in the private and public sectors.

COURSE FACTS

ECTS: 30

NFQ Level: 8

Duration:

1 year, part-time

Mode of study:

Online Learning

Fees: See course website

www.nuigalway.ie/adult-learning/courses/science-&-technology/

Start date: September

CONTACT

Course Administrator

+ 353 (0)91 494060

sciencetech@nuigalway.ie



APPLY ONLINE:

www.nuigalway.ie/adultlearning/how-to-apply

Specialist Diploma in

CORPORATE ENVIRONMENTAL PLANNING

YOUR PART-TIME COURSE:

This 1-year course will provide students with a holistic perspective on environmental planning to assist in the development of best practice in environmental management, resource efficiency, sustainable design and technologies. It will raise awareness and facilitate behavioural change to a culture of environmentally sound practices. The course will empower students to incorporate sustainable practices into the daily running of their organisations. Supporting the growth of the green/ circular economy through improved sustainability and competitiveness will be a key outcome from this course.

YOUR MODULES:

Students will undertake six modules:

- Environmental Science
- Environmental Leadership in Organisations
- Environmental Management for Organisations
- Environmental Legislation and Compliance
- The Lean Organisation and Technology
- Energy Management

ENTRY REQUIREMENTS:

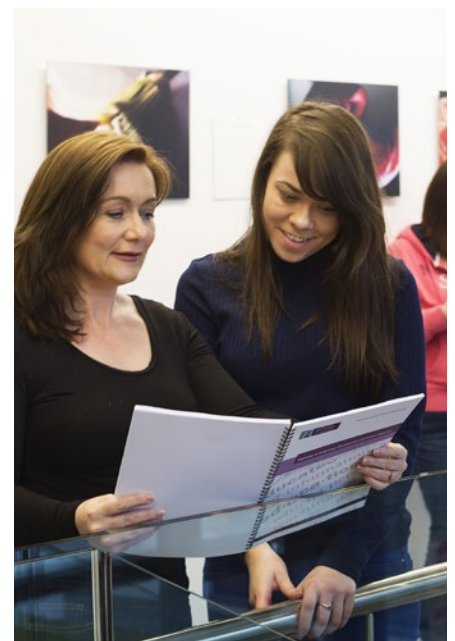
Applicants should have completed a Diploma at NFQ Level 7 of 90 ECTS minimum, in a Science, Engineering or Technical area, or otherwise prove that they satisfy the prerequisites of each of the modules as listed in the course outline section. An International English Language Testing System (IELTS)/ TOEFL certificate is required if English is not your first language to indicate your competency in written and spoken English for the course you are interested in taking.

DELIVERY & ASSESSMENT:

The course is delivered using an online learning approach with Saturday workshops (approximately 10 hours per module). The delivery model also includes self-directed learning elements. Innovative and authentic assessment methods are used throughout the course which will enable learners to demonstrate capabilities and competencies as well as academic knowledge. Methods may include written assignments, e-learning and multi-media exercises, group projects, presentations, and reports, etc.

CAREER OPPORTUNITIES & FURTHER STUDY:

Many opportunities exist for individuals who have knowledge and skills relating to environmental planning in both the corporate and public sector. As organisations become more aware of their environmental responsibilities, they will be seeking individuals who have the capacity to provide leadership in developing solutions for contemporary environmental issues. Graduates can opt to progress to the BSc in Science & Technology Studies (NFQ Level 8) with credit for their studies





MODULES

ENVIRONMENTAL SCIENCE

This module aims to enhance the learner's understanding and appreciation of environment-related disciplines. It covers facts and attitudes that help the learner to understand and evaluate current environmental issues critically, evaluate technological advances, and put environmental issues into a legal perspective.

ENERGY MANAGEMENT

Improving energy efficiency and reducing carbon footprints and energy costs is a priority for many organisations. An Energy Management System (EnMS) can play a lead role in achieving these aims. An EnMS is a process for continually improving energy performance. Suitable for all organisations, whatever the size or sector, it is particularly beneficial in organisations operating energy intensive processes. This module will provide the student with a general introduction to energy, its generation, distribution and usage in industrial and commercial environments and provide a conceptual and technical foundation in energy management. The module will focus on conducting energy audits, creating energy budgets and assessing ISO 50001 requirements.

THE LEAN ORGANISATION AND TECHNOLOGY

The concept of Lean is to provide increased value to the organisation and the customer through eliminating waste in production and operations. Lean can be applied in every commercial and industrial environment as a way of thinking and acting for an entire organisation. This module will provide students with an overview of Lean principles and the 8 wastes or lean defects it deals with: excess processing, overproduction, waiting, inventory, movement, motion and non-utilised talent. This module will focus on contemporary Lean practice, tools for Lean and emerging technologies, and how they can assist in the modern Lean organisation. The module will include the practical application of knowledge and skills through the development of a Lean strategy for the students' organisations or departments.

ENVIRONMENTAL LEADERSHIP IN ORGANISATIONS

While environmental protection is a global issue, environmental activities occur at all levels with industrial and commercial environments playing a lead role. This module will explore local and global sustainability issues and their implications for industrial and commercial environments and examine case studies of environmental leadership in practice. The module will provide students with a conceptual and practical foundation in methods of fostering teamwork, leadership and communication for effective environmental leadership in their organisations.

ENVIRONMENTAL LEGISLATION AND COMPLIANCE

Knowledge of current minimum legal expectations for environmental compliance is fundamental to achieving good environmental management in industrial and commercial environments. This module is aimed at professionals and will provide students with a practical foundation in the principles of compliance and risk management for compliance in Ireland. Topics will include the structure of environmental law in Ireland (EU directives, regulations, licensing etc.), current and future environmental legislative requirements, and how to ensure legal compliance for their organisations.

ENVIRONMENTAL MANAGEMENT FOR ORGANISATIONS

Drawing on contemporary examples, Environmental Management for Organisations will explore the roots and principles of environmental planning and management in practice, introducing students to a range of conceptual and practical approaches. The module will focus on processes, scale and case studies in environmental management and planning in industrial and commercial organisations and lays a solid foundation for the other modules. Environmental planning and management will be explored in an interdisciplinary context applicable to a variety of backgrounds, such as manufacturing, operations and environmental engineering, environmental and quality science, health and safety, social geography, business and management, regulations and compliance.

**FOCUSSED
LEARNING.
ENDLESS
POSSIBILITIES.**



National University of Ireland, Galway
Ollscoil na hÉireann, Gaillimh