

PG Diploma / MSc Supply Chain Management (Lean SCM Black Belt)



PG DIPLOMA & MASTERS OF SUPPLY CHAIN MANAGEMENT (LEAN SCM BLACK BELT)

Supply Chain Management (SCM) has emerged as a major element in global business, with considerable investment in systems and processes.

This PG Diploma / MSc is designed to improve global supply chain processes with practical delivery of cost reduction and value-add for the business

Successful supply chain management requires strategic and operational alignment; hence this programme includes a strong emphasis on strategy, information systems, responsiveness, leadership and integrated project management. Adopting a Lean philosophy, students will apply lean tools and complete a SCM Lean Black Belt project that achieves organisational and supply chain improvements.

This part-time executive education programme is delivered over 18 months (for a Postgraduate Diploma) or 2 years (for a Masters). Delivered in conjunction with practitioners, this programme blends academic and practical expertise.



PROGRAMME OBJECTIVES

- Address supply chain concepts and how activities interact within supply chains.
- Assess competition drivers and develop and lead strategic supply chain projects.
- Identify and apply tools and techniques to achieve optimal supply chain process, value, and service improvements.
- Employ best practice Lean project management tools and techniques in supply chain management.
- Evaluate emerging trends and technologies in the context of supply chain efficiency and responsiveness.
- Assess the implications of leadership and change management approaches and techniques and how they impact on any lean implementation and resilient supply chain strategies.
- Develop a suitable strategy for implementing Lean to achieve sustainable operational and supply chain improvements.
- Resolve the complexities inherent in organisation-wide/supply chain projects and lead Lean SCM teams.

WHO WILL BENEFIT FROM THE PROGRAMME

This part-time executive education programme is aimed at career minded practitioners who work in supply chain, manufacturing, quality, financial or related functions and who have responsibility for continuous improvement within their organizations.

It would also suit those who have some experience in Lean or Supply Chain Management and wish to develop knowledge and skills in these areas.

The programme is designed to appeal to individuals in the Medtech, Pharmaceutical, Healthcare, Food & Drink and services sectors operating nationally and internationally.

PROGRAMME DELIVERY AND ASSESSMENT

The programme adopts a blended learning approach that includes both classroom and online learning: online resources/text books will be provided both before and after classroom sessions.

The programme is delivered on a modular basis over three semesters (18 classroom days) as outlined below.

The outcome of each module is a workplace assignment(s) contributing to the development and implementation of a substantial organizational SCM improvement project (i.e. a Lean SCM Black Belt Project).

This practitioner oriented programme seeks to maximise the participant's previous experience in the workforce by providing a structured approach to the key elements of Lean supply chain design and management.

The blended learning approach, informed by best international practice, creates an interactive learning environment between the workplace/work experience and the classroom.

The contribution from our practitioner partners further supports such experiential learning.

YEAR 1 (Semester 1)

- Strategic Planning and Implementation in Supply Chains (10 credits; 3 classroom days)
- Advanced Lean Tools and Practices in Supply Chain Management (10 credits; 3 classroom days)

YEAR 1 (Semester 2):

- Leadership and Change Management in Supply Chains (10 credits; 3 classroom days)
- Driving Operational and Supply Chain Excellence through Lean Leadership (10 credits; 3 classroom days)
- Information Systems and Technologies in Supply Chain Process Design and Improvement (5 credits; 1.5 classroom days)

YEAR 2 (Semester 1)

- Globalisation Issues, Capstone Module Seminars and Workshops (15 credits; 4.5 classroom days)

PROGRESSION

Students who achieve a Second Class Honours Grade I or higher in the Postgraduate Diploma in SCM are eligible to enter Part 2 of a Masters Programme in Supply Chain Management.

A Masters (MSc) will be awarded on the satisfactory completion of a dissertation.

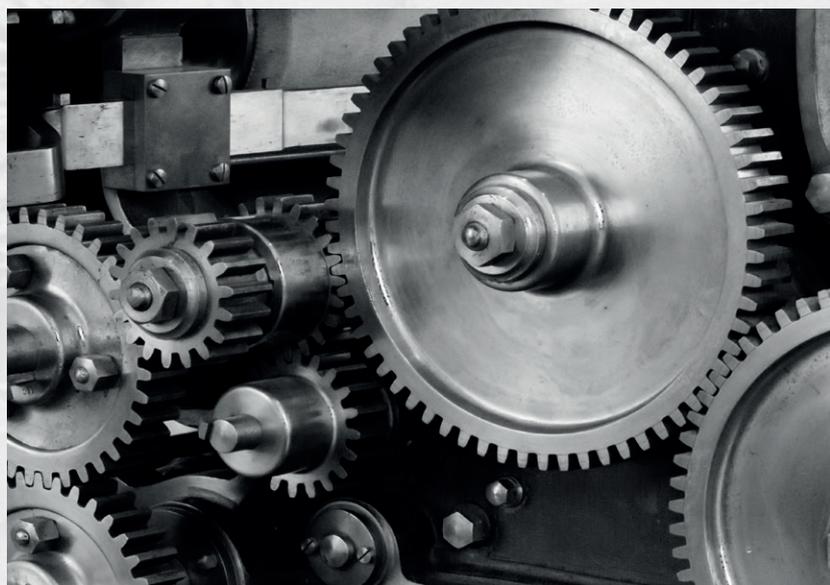
Duration: **2 Years (Part-Time)**

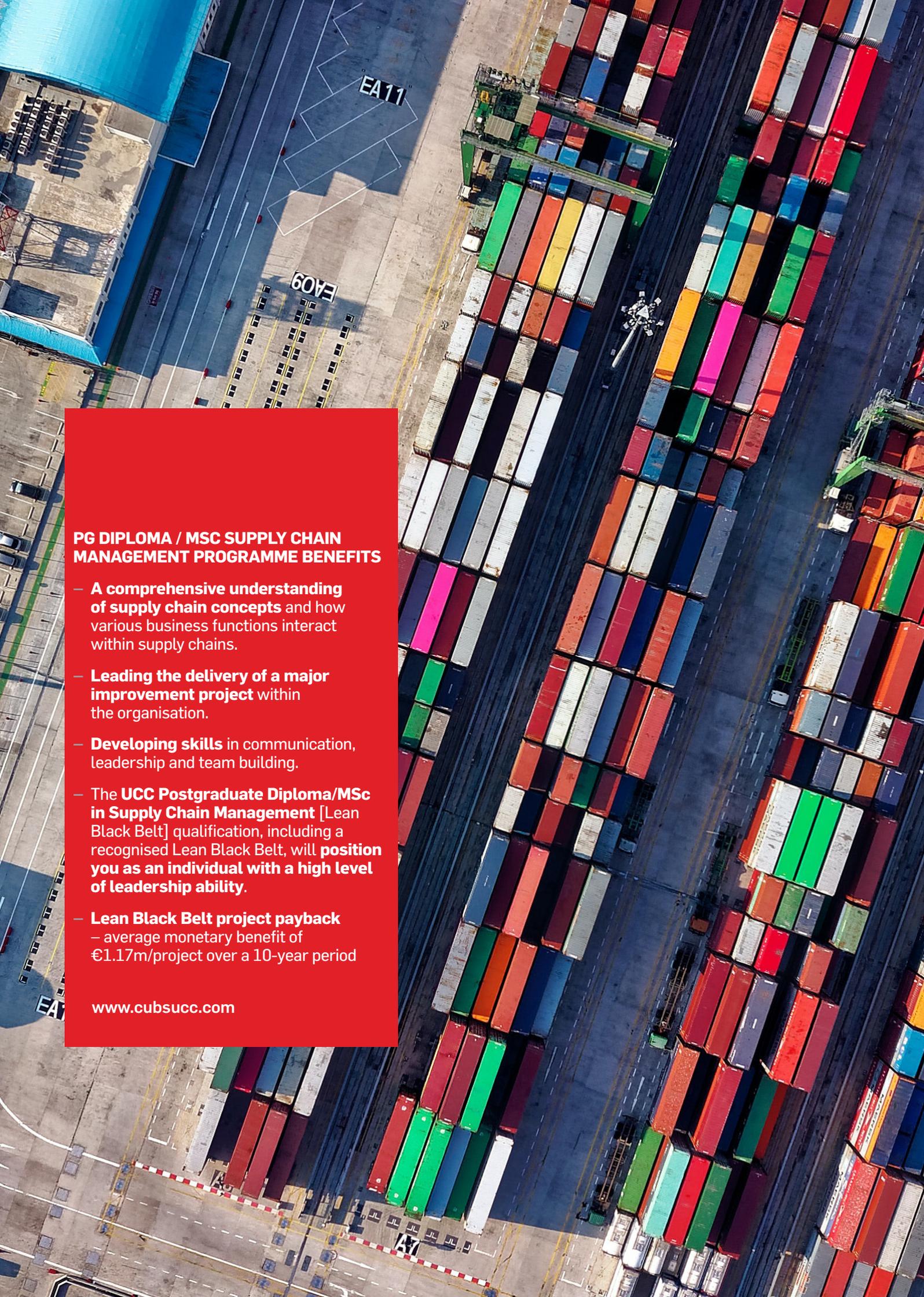
(i.e. **PG Dip = 18 months +
MSc = 6 months**)

Teaching Mode: **Blended Learning**

Qualification: **PG Diploma/MSc**

NFQ Level: **Level 9**





**PG DIPLOMA / MSC SUPPLY CHAIN
MANAGEMENT PROGRAMME BENEFITS**

- **A comprehensive understanding of supply chain concepts** and how various business functions interact within supply chains.
- **Leading the delivery of a major improvement project** within the organisation.
- **Developing skills** in communication, leadership and team building.
- **The UCC Postgraduate Diploma/MSc in Supply Chain Management [Lean Black Belt] qualification**, including a recognised Lean Black Belt, will **position you as an individual with a high level of leadership ability.**
- **Lean Black Belt project payback**
– average monetary benefit of €1.17m/project over a 10-year period

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ENTRY REQUIREMENTS

Irish/EU Students

(Not currently open to International Students)

Applicants should satisfy the entry criteria of:



1. Minimum Second Class Honours in an Honours primary degree in a relevant area and at least 4 years relevant industrial experience (including cross-functional team lead experience).

OR

A portfolio of evidence containing:



- At least 6 years relevant management experience, including responsibility for cross-functional/ supply chain teams.



- Recognized professional qualification in a relevant area and/or applied Lean SCM experience (equivalent to a Green Belt level).



- Application of learning or competence such as involvement in cross-functional projects, reports, reflective papers or journals.

AND



2. Testimonials of learning or competence through sign-off by an appropriate signatory within the candidate's organization.

Applicants must be in a position to affect organisational change.

APPLICATION PROCESS

Application for this programme is online at UCC Apply:

www.ucc.ie/en/apply

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