



# GENERATION APPRENTICESHIP

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## SUPPLY CHAIN MANAGER MSc

The Supply Chain Management Institute in partnership with the University of Limerick have developed Ireland's first apprenticeship with a level 9 qualification. The Master of Science in Supply Chain Operations (MSc).

Supply Chain Managers perform a crucial, senior role within their company. They manage the delivery of products and services across the entire supply chain; from raw materials to end users.

Developed by industry for industry, this is a work based education programme which supports the development of the Supply Chain knowledge base amongst practitioners in organisations. It combines learning in the workplace with learning online through the University of Limerick.



<b>Apprenticeship</b>	Supply Chain Manager
<b>NFQ level</b>	Level 9 Masters
<b>Qualification on completion</b>	Masters of Science in Supply Chain Operations
<b>Duration</b>	2 years (plus 5 months project write up)
<b>Industry Lead</b>	IPICS The Supply Chain Management Institute
<b>Education Provider</b>	University of Limerick
<b>Delivery</b>	Online classroom and assignments Site visits to practitioner and expert sites Peer to peer learning community of practice On the job application through projects Summer School
<b>Applications By</b>	November for a January start

### For Professionals who:

- Are responsible for or actively engaged in organisational improvement and development through the use of supply chain management
- Wish to develop a comprehensive understanding of the theory and practical application of supply chain management tools and techniques
- Wish to influence performance of upstream and downstream factors to maximise value within the organisation's supply chain.
- Seek recognition as a supply chain expert
- Have a degree or considerable industrial experience in the field

## Benefits to the Employer

- Developed by industry for industry
- Improves staff retention and productivity
- Addresses and tackles skills shortage
- Government subsidised qualifications

## Benefits to the Apprentice

- Gain a Masters qualification while working
- Develop career enhancing skills
- Learn best-practice from other organisations
- Excellent career progression prospects

## How it Works

The modules in this two year programme are delivered via blended learning. A central interactive platform hosts the complete syllabus, and students can access course materials anytime and anywhere. Only one module will run at any one time, and each taught module will run for a period of five weeks. This gives students the benefit of focusing their time and thinking exclusively on one area of supply chain management at each stage.

- Virtual classrooms and online tutorials from subject matter experts
- Collaborative group work in virtual teams
- Summer School at the University of Limerick
- A strong emphasis on directed project work, including a work based thesis which spans three semesters and allowing participants to spend more time applying the learning concepts in the context of their own organization.
- Participation in a 'Community of Practice'. This will allow participants to interact and engage in peer-to-peer learning activities around the academic content.
- Support from an Industry Mentor within the company throughout the apprenticeship.
- A dedicated project coordinator to support participants
- Additional industry based seminars and company visits to explore supply chain management practice in Irish and international companies

## Entry Criteria

- Employers must be approved by SOLAS and commit to support the apprentice throughout the programme.
- Programme participants should hold a NFQ level 8 at minimum level 2.2 in a relevant area. Applicants who have completed a level 8 apprenticeship in a related field are also eligible to apply.
- Applicants with a lower qualification may also be considered provided they can prove to have considerable industrial experience as well as evidence of the ability to study at Masters Level.

## Course Content

### YEAR 1

FRAMEWORKS FOR SUPPLY CHAIN MANAGEMENT

STRATEGIC BUSINESS & OPERATIONS MANAGEMENT

MATHEMATICAL MODELLING IN SUPPLY CHAIN

MARKETING TECHNOLOGY PRODUCTS

SIMULATION MODELLING IN SUPPLY CHAINS

### YEAR 2

OPERATIONS MANAGEMENT

QUALITY SCIENCE STATISTICS 1

SALES AND OPERATIONS PLANNING

THESIS PROPOSAL PREPARATION

THESIS 1 (SUPPLY CHAIN OPERATIONS)

SUPPLY CHAIN RISK ASSESSMENT AND FORECASTING

FINANCIAL MANAGEMENT AND DECISION MAKING

THESIS 2 (SUPPLY CHAIN OPERATIONS)



Further Information and how to apply email [apprenticeships@ul.ie](mailto:apprenticeships@ul.ie). You can also contact one of our programme managers, Philomena Kelly 061-237770 or Elaine Butler 061-237798

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