



# Masters in Supply Chain Operations

## Programme Overview

The programme will create graduates who will be equipped to eliminate supply chain inefficiencies to enable their organisations become more competitive, agile and profitable.

End-to-end visibility of the full supply chain is key to supply chain return on investment (ROI). In this Online Masters, students learn and can immediately apply best practice supply chain management skills through every link in the chain.

## Participants will learn to:

- Recognise the strategic contribution of supply chain management to organisational performance.
- Assess the impact that supply chain management has on the key performance indicators.
- Evaluate the impact of upstream and downstream entities on supply chain performance. Influence performance of upstream and downstream factors to maximise value within the organisation's supplychain.
- Diagnose the priority improvement opportunities within the supply chain optimising the trade-offs.

2 years part-time  
(Online)



## Programme Content

### Year 1

| Semester 1                                   | Semester 2                            | Semester 3                    |
|--|---------------------------------------|-------------------------------|
| Frameworks for Supply Chain Management       | Marketing Technology Products         | Operations Management         |
| Strategic Business and Operations Management | Simulation Modelling in Supply Chains | Quality Science               |
| Mathematical Modelling in Supply Chain       |                                       | Sales And Operations Planning |

### Year 2

| Semester 4                  | Semester 5                                   | Semester 6                       |
|-----------------------------|--|----------------------------------|
| Thesis Proposal Preparation | Financial Management and Decision Making     | Thesis (Supply Chain Operations) |
|                             | Supply Chain Risk Assessment and Forecasting |                                  |
|                             | Thesis (Supply Chain Operations)             |                                  |

This programme contains ten taught modules spread over six semesters. Course delivery is through a combination of self-instructional materials and regular webinars and online tutorials. Modules are delivered online via our dedicated online learning management system facilitating a flexible learning environment.

The programme contains industry relevant content and focuses on the direct application of learning, using analytical, modelling and diagnostic techniques, to maximise operational performance within supply chains.

In addition to the taught modules, this programme requires a substantial industry-based THESIS project. The thesis is started early in year 2 and is developed over three semesters with an supervisor. The final thesis is presented to an academic and industry audience.

## Entry Requirements

Programme participants should hold a NFQ level-8, honours degree in a relevant discipline or an equivalent qualification and have at least five years of relevant work experience.

Applicants must also satisfy the English Language Requirements of the University.

## How to Apply

Applicants are encouraged to apply online for this programme.

Visit: [www.ul.ie/gps/supply-chain-operations-msc-online](http://www.ul.ie/gps/supply-chain-operations-msc-online)

## Programme Contact

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## For Whom

The programme is designed for those who are actively engaged in supply chain activities at the strategic level of their organisation and who intend to use quantitative data tools and methodologies to manage risk and implement improvement opportunities.

For those who want to develop enhanced analytical, modelling and diagnostic capabilities for maximising operational performance within supply chains.

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