



UNIVERSITY OF  
LIVERPOOL

MSc

# Operations and Supply Chain Management

**Study mode**

Full-time

**Duration**

12 months

Apply by: **29 August 2025**

Starts on: **22 September 2025**

## About this course

Designed by one of the UK's leading Operations and Supply Chain Management research groups, this programme is also accredited by the Chartered Institute of Procurement and Supply (CIPS) and the Chartered Institute of Logistics and Transport UK (CILT).

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## Introduction

The programme is aimed at graduates in management, engineering and science, practising operations professionals and non-sector professionals who wish to increase their understanding of operations and supply chain management.

You will get a theoretical and practical exposition of the factors that are necessary for effective operations and supply management in today's global and highly competitive markets.

In addition, you will learn how successful operations performance can shape and influence the sales and profit ambition of a business. You will develop a profound understanding of the processes and techniques for developing operations strategy and managing operations and supply chain activities.

- Learn via innovative teaching techniques including interactive games, cases and simulations
- See real-world scenarios with industry visits
- Supported to work towards gaining full or chartered membership of our accrediting bodies. Graduates of the programme will be exempt from the

academic requirements of the Chartered Institute of Procurement and Supply (CIPS, subject to renewal) and the Chartered Institute of Logistics and Transport UK (CILT)

- Apply your knowledge by undertaking a work-based project which is undertaken in conjunction with industry. Recent projects have been undertaken in collaboration with organisations including Bibby Distribution, Corus, Ford Motor Company, Hewlett Packard and Jaguar Land Rover.

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## Accreditation

The University of Liverpool Management School (ULMS) is one of an elite group of institutions worldwide to hold the gold standard 'triple-crown' accreditation from AACSB, AMBA and EQUIS.

The MSc Operations and Supply Chain Management programme is accredited by the [Chartered Institute of Procurement & Supply \(CIPS\)](#) and the [Chartered Institute of Logistics & Transport \(CILT\)](#).

CIPS and CILT are international organisations, based in the UK, serving the purchasing, logistics and supply professions. Student membership is available to students whilst studying for the MSc.

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## Accreditation in detail

### AACSB

AACSB Accreditation Standards require a high quality teaching environment, a commitment to continuous improvement, and curricula responsive to the needs of businesses. This achievement means that the Management School meets specific standards of excellence. It also means it's committed to on-going improvement in delivering high quality education.

### AMBA

AMBA is the highest standard of achievement in postgraduate business education. MBA students and graduates, business schools and employers all recognise it as a gold standard. AMBA's rigorous criteria and assessment process ensure that only programmes that demonstrate the highest standards in teaching, learning and curriculum design; career development and employability; and student, alumni and employer interaction achieve accreditation.

## **EQUIS**

The School is also accredited by EQUIS, which is the leading international system of quality assessment, improvement and accreditation of higher education institutions in management and business administration. Institutions that are accredited by EQUIS must demonstrate not only high general quality in all dimensions of their activities, but also a high degree of internationalisation and corporate connections.

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# Course content

Discover what you'll learn, what you'll study, and how you'll be taught and assessed.

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## Semester one

The programme is delivered over 12 months and consists of six compulsory modules and two optional modules followed by a project carried out over the summer on completion of semester two.

## Modules

Compulsory modules	Credits
<u>SUPPLY CHAIN OPERATIONS MANAGEMENT (EBUS506)</u>	15
<u>STRATEGIC OPERATIONS MANAGEMENT (EBUS602)</u>	15
<u>SERVICE OPERATIONS MANAGEMENT (EBUS634)</u>	15
Optional modules	Credits
<u>OPERATIONS MODELLING AND SIMULATION (EBUS504)</u>	15
<u>DIGITAL BUSINESS TECHNOLOGY AND MANAGEMENT (EBUS603)</u>	15
<u>PROJECT AND PORTFOLIO MANAGEMENT IN ORGANISATIONS (EBUS614)</u>	15
<u>BIG DATA MANAGEMENT (EBUS622)</u>	15
<u>GLOBAL MARITIME LOGISTICS (EBUS632)</u>	15

Programme details and modules listed are illustrative only and subject to change.

## Semester two

The programme is delivered over 12 months and consists of six compulsory modules and two optional modules followed by a project carried out over the summer on completion of semester two.

# Modules

Compulsory modules	Credits
<a href="#"><u>STRATEGIC PURCHASING MANAGEMENT (EBUS535)</u></a>	15
<a href="#"><u>LEAN THINKING (EBUS507)</u></a>	15
<a href="#"><u>LOGISTICS AND PHYSICAL DISTRIBUTION (EBUS609)</u></a>	15

Optional modules	Credits
<a href="#"><u>ENTERPRISE SYSTEMS WITH SAP (EBUS612)</u></a>	15
<a href="#"><u>BIG DATA ANALYTICS FOR BUSINESS (EBUS633)</u></a>	15
<a href="#"><u>SUSTAINABLE SUPPLY CHAIN MANAGEMENT (EBUS636)</u></a>	15
<a href="#"><u>DIGITAL STRATEGY (EBUS605)</u></a>	15

Programme details and modules listed are illustrative only and subject to change.

## Final project

During the summer semester, students will take either Business Simulation and Analysis or MSc Project.

Graduates of the MSc programme in Operations and Supply Chain Management can become members of the [Chartered Institute of Procurement & Supply \(CIPS\)](#) and the [Chartered Institute of Logistics & Transport \(CILT\)](#) by successfully applying to those organisations and paying an annual membership fee. To be eligible for membership of CIPS, students **must** complete the EBUS621 (Project) module in the summer term.

# Modules

Compulsory modules	Credits
<u>BUSINESS SIMULATION AND ANALYSIS (EBUS635)</u>	60
<u>MSC PROJECT (EBUS621)</u>	60

Programme details and modules listed are illustrative only and subject to change.

## Teaching and assessment

### How you'll learn

Modules are taught using the latest active learning techniques including business simulations, real-world case studies, interactive participation software, and lecture capture.

The principal forms of teaching are lectures and seminars, with most taught sessions normally being supported by additional resources such as hand-outs and online materials accessible via the virtual learning environment (Canvas). Seminars give the opportunity for detailed discussion of a topic under the direction of a tutor. You are normally expected to prepare work in advance of the taught sessions and you may also be expected to present work or give presentations.

Following semester two you will complete either a project or a business simulation in the area of operations and/or supply chain management, with the support of an academic supervisor. This will require evidence of in-depth mastery of research techniques, the ability to assemble and analyse data and the evaluation of outcomes and results. All projects/business simulations will investigate specific problems in the field of operations and supply chain management, and propose solutions to these contemporary issues

Teaching time will account for an average of 10 hours per week and you should anticipate an additional 12 hours of self-directed study.

### How you're assessed

In semesters one and two, you will take modules totalling 120 credits. The business simulation or project completed during the summer period is worth 60 credits and students will be supported by their academic supervisor.

Students are required to complete 180 credits to achieve a full MSc.

Subject to meeting specific criteria outlined by the University, students will graduate with a Pass, Merit or Distinction.

Assessment tasks are varied and some may be designed specifically to meet the learning outcomes of a particular programme of study, but students can expect to be assessed via coursework, essay, group work, presentations, case studies, negotiation exercises, reports and examinations. The weighting of individual components will vary from one module to another. All assessment information is included within the module specification.

## Liverpool Hallmarks

We have a distinctive approach to education, the Liverpool Curriculum Framework, which focuses on research-connected teaching, active learning, and authentic assessment to ensure our students graduate as digitally fluent and confident global citizens.

The Liverpool Curriculum framework sets out our distinctive approach to education. Our teaching staff support our students to develop academic knowledge, skills, and understanding alongside our **graduate attributes**:

- Digital fluency
- Confidence
- Global citizenship

Our curriculum is characterised by the three **Liverpool Hallmarks**:

- Research-connected teaching
- Active learning
- Authentic assessment

All this is underpinned by our core value of **inclusivity** and commitment to providing a curriculum that is accessible to all students.

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# Careers and employability

Operations and supply chains are essential to competitive performance. Opportunities are provided for participants of the programme to analyse and examine the most up-to-date, cross-sectoral developments in operations and supply chain practice through a series of industrial lectures and a best-practice industry visit.

You will have access to a specialist, in-house [postgraduate careers team](#) and have access to one-to-one careers guidance, workshops, seminars, and employability initiatives.

It is expected that programme graduates will be equipped with the knowledge and skills to reach senior managerial positions and become the operations, logistics and supply chain management strategists of the future.

Graduates of the MSc in Operations and Supply Chain Management at the University of Liverpool are now working for:

- Accenture
- Airbus UK
- Aptuit
- Boots
- Caterpillar
- Daimler Chrysler
- Deloitte Consultants
- Diageo
- EWS Industrial
- Ford Motor Company
- GE, Glaxo Smithkline
- Great Bear Distribution
- ICU Medical
- Jaguar Land Rover
- Maersk
- NYK Logistics
- O2
- Princes Foods
- Reckitt Benckiser

- Rolls Royce
- TDG
- Unilever
- Unipart
- United Utilities
- Westinghouse
- Wyeth Pharmaceuticals
- University of Liverpool.

In roles such as:

- Project Consultant
- Operations Manager
- Account Strategist
- Assistant Buyer
- Supply Planner
- Supply Chain Analyst

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## **Career support from day one to graduation and beyond**

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### **Career planning**

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### **From education to employment**

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### **Networking events**

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# Fees and funding

Your tuition fees, funding your studies, and other costs to consider.

## Tuition fees

### UK fees (applies to Channel Islands, Isle of Man and Republic of Ireland)

Full-time place, per year – £14,000

### International fees

Full-time place, per year – £30,000

Fees stated are for the 2025–26 academic year.

Tuition fees cover the cost of your teaching and assessment, operating facilities such as libraries, IT equipment, and access to academic and personal support.

- You can [pay your tuition fees in instalments](#).
- All or part of your tuition fees can be [funded by external sponsorship](#).
- International applicants who accept an offer of a place will need to [pay a tuition fee deposit](#).

If you're a UK national, or have settled status in the UK, you may be eligible to apply for a Postgraduate Loan worth up to £12,167 to help with course fees and living costs. [Learn more about paying for your studies.](#)

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## Additional costs

We understand that budgeting for your time at university is important, and we want to make sure you understand any course-related costs that are not covered by your tuition fee. This could include buying a laptop, books, or stationery.

Find out more about the [additional study costs](#) that may apply to this course.

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# Entry requirements

The qualifications and exam results you'll need to apply for this course.

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## Postgraduate entry requirements

We accept a 2:2 honours degree from a UK university, or an equivalent academic qualification from a similar non-UK institution. This degree should be in Management, Engineering, Mathematics, Science or closely related disciplines.

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## International qualifications

Select your country or region to view specific entry requirements.

If you hold a bachelor's degree or equivalent, but don't meet our entry requirements, a Pre-Master's can help you gain a place. This specialist preparation course for postgraduate study is offered on campus at the [\*\*University of Liverpool International College\*\*](#), in partnership with Kaplan International Pathways. Although there's no direct Pre-Master's route to this MSc, completing a Pre-Master's pathway can guarantee you a place on many other postgraduate courses at The University of Liverpool.

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# English language requirements

You'll need to demonstrate competence in the use of English language, unless you're from a [majority English speaking country](#).

We accept a variety of [international language tests](#) and [country-specific qualifications](#).

International applicants who do not meet the minimum required standard of English language can complete one of our [Pre-Sessional English courses](#) to achieve the required level.

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## **IELTS**

6.5 overall, with no component below 6.0

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## **TOEFL iBT**

88 overall, with minimum scores of listening 19, writing 19, reading 19 and speaking 20. TOEFL Home Edition not accepted.

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## **Duolingo English Test**

125 overall, with writing not less than 125, speaking and reading not less than 115, and listening not below 110

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## **Pearson PTE Academic**

61 overall, with no component below 59

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## **LanguageCert Academic**

70 overall, with no skill below 65

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## **PSI Skills for English**

B2 Pass with Merit in all bands

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## **INDIA Standard XII**

National Curriculum (CBSE/ISC) – 75% and above in English. Accepted State Boards – 80% and above in English.

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## **WAEC**

C6 or above

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## **Pre-sessional English**

Do you need to complete a Pre-sessional English course to meet the English language requirements for this course?

The length of Pre-sessional English course you'll need to take depends on your current level of English language ability.

## Pre-sessional English in detail

If you don't meet our English language requirements, we can use your most recent IELTS score, or [the equivalent score in selected other English language tests](#), to determine the length of Pre-sessional English course you require.

Use the table below to check the course length you're likely to require for your current English language ability and see whether the course is available on campus or online.

Your most recent IELTS score	Pre-sessional English course length	On campus or online
6.0 overall, with no component below 6.0	6 weeks	On campus
6.0 overall, with no component below 5.5	10 weeks	On campus and online options available
6.0 overall, with no more than one component below 5.5, and no component below 5.0	12 weeks	On campus and online options available
5.5 overall, with no more than one component below 5.5, and no component below 5.0	20 weeks	On campus
5.0 overall, with no more than one component below 5.0, and no component below 4.5	30 weeks	On campus
4.5 overall, with no more than one component below 4.5, and no	40 weeks	On campus

Your most recent IELTS score	Pre-sessional English course length	On campus or online
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component below 4.0

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If you've completed an alternative English language test to IELTS, we may be able to use this to assess your English language ability and determine the Pre-sessional English course length you require.

Please see our guide to [Pre-sessional English entry requirements](#) for IELTS 6.5 overall, with no component below 6.0, for further details.

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