THE PLACE TO MAKE


GLOBAL SUPPLY CHAIN MANAGEMENT MSc
100% ONLINE
**GLOBAL SUPPLY CHAIN MANAGEMENT MSc**

### ABOUT THE COURSE

**NAVIGATE THE CHALLENGES OF OUR CHANGING WORLD**

By taking a contemporary approach, our Global Supply Chain Management MSc (online) will equip you with the knowledge and specialist skills to address emerging challenges such as digitisation, analytics, automation and sustainability. You’ll explore current global issues that businesses are facing today to equip you with the knowledge for managing and modernising highly complex supply chains.

The world around us is rapidly changing, and the management of global supply chains must keep up with the modern world. By choosing to study this course, you’ll be equipped with the knowledge and specialist skills to respond to change.

Whilst you are studying you will become a member of the professional accreditation body the Chartered Institute of Logistics and Transport (CILT). This, combined with the practical skills developed on the course will enhance your career prospects and extend your professional networks.

**GROW YOUR SPECIALIST SKILLSET**

Our online Masters in Global Supply Chain Management is designed to:

- **Address global and contemporary challenges** that businesses are facing today, such as volatility, uncertainty through digitisation and sustainability
- **Build on established academic theories** around supply chain management, operations management, and logistics to develop knowledge and business acumen
- **Be guided by research led academics** focusing specialist areas such as blockchain, AI, supply chain finance, supply chain resilience and humanitarian supply chains
GLOBAL SUPPLY CHAIN MANAGEMENT MSc

THE UNIVERSITY OF SUSSEX BUSINESS SCHOOL

ABOUT THE BUSINESS SCHOOL

Our Global Supply Chain Management MSc (online) is delivered by Sussex’s double accredited (EQUIS and AMBA) Business School. Integral to the Business School is the collaboration across disciplines to shape global issues in business, management and society, making an impact on policy, practice, and people. Our mission is to:

- **Carry out high-quality research** that addresses real-world issues, pressing global policy agendas and business practices
- **Develop current and aspiring leaders** who will champion critical and original thinking
- **Work internationally with businesses, governments, and others** to deliver innovative approaches to management.

This draws on Sussex’s tradition of interdisciplinary research and exploring subject areas within a wider global, social and political context. We understand that no businesses or sector works in isolation; we give our students the skills and knowledge to look beyond their ‘local’ environment and understand how and why external factors affect and influence.

Furthermore, Sussex is a member of The Transformative Innovation Policy Consortium (TIPC) a group of science, technology and innovation researchers, policymakers and funding agencies. A Transformative Innovation Policy (TIP) aims to address global societal challenges, as encapsulated in the United Nations’ Sustainable Development Goals.

HOW THIS BENEFITS YOUR LEARNING

As part of the Business School, you’ll be taught by globally renowned academics. You will join a network of like-minded, ambitious professionals from around the globe.

Furthermore, you will not only graduate with a wealth of new knowledge, skills, and experience, but also with an MSc from an institution ranked 13th in the UK for Business and Economics (Times Higher Education World University Rankings 2022) and top 50 globally for supply chain management (QS Masters in Supply Chain Management ranking 2022).
MEET OUR GLOBALLY RENOWNED ACADEMICS

You’ll learn from experts who share the latest insights and research throughout the course. On the course you’ll have the opportunity to engage in 1-2-1 discussions and discuss real-world case studies with academics.

PROFESSOR NACHIAPPAN SUBRAMANIAN
PROFESSOR OF OPERATIONS AND LOGISTICS MANAGEMENT & SUPPLY CHAINS

Nachiappan (Nachi) has 24 years of experience including 22 years in academia and 2 years in a consulting company.

He is an ambitious researcher with a focus on novel topics such as humanitarian operations management, sustainability, risk and innovation, co-creation, ambil-supply networks, and performance measurement. He has authored a book, several book chapters, and over 100 refereed research papers.

DR MARTIN SCHLEPER
SENIOR LECTURER IN OPERATIONS MANAGEMENT

For his academic work, Martin has received several awards, and in 2020, he won the Research Excellence Award for emerging scholars at the University of Sussex Business School.

His research investigates sustainability and ethical issues with an overall focus on responsibilities in global supply chains. More specifically, his projects involve (sustainable) supply chain risk management, supplier exploitation, conflict minerals management, modern slavery, sustainability reporting and global sourcing.

DR KAMALA DAWAR
SENIOR LECTURER IN INTERNATIONAL TRADE & COMMERCIAL LAW

In addition to teaching, Kamala conducts research, policy analysis and technical assistance training for: academic, inter-governmental (including the WTO), World Bank, the European Union, COMESA, CARICOM, ASEAN, as well as public interest organisations.

She undertakes trade and Brexit related research, policy analysis and capacity building for the UK Government, the European Institutions and has appeared in national media.
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DR SAMUEL ROSCOE
SENIOR LECTURER IN OPERATIONS MANAGEMENT

Sam is the Sussex MBA course convenor and a fellow of the UK Trade Policy Observatory (UKTPO) at the University of Sussex Business School.

His research interests are in how geopolitical disruptions (US-China Trade War, Brexit, Covid-19) and innovative technologies (Additive Manufacturing, Blockchain and Artificial Intelligence) are transforming global supply chains. His research on Covid 19 and the disruption caused to global supply chains has been featured in the Financial Times, the Guardian, Raconteur Magazine and the BBC evening news.

DR MALGORZATA SULIMIERSKA
SENIOR LECTURER IN BANKING AND FINTECH

Malgorzata (Gosia) has been recognised for her excellent teaching skills, winning several awards such as Excellence in Teaching Award and Student-Led Teaching Award.

Her passion for teaching and discovering new areas of development guides her interests towards fintech, banking digitisation, financial literacy, financial inclusions and political uncertainty.

DR BIAO YANG
SENIOR LECTURER IN OPERATIONS MANAGEMENT

After four years working as an electronic engineer in industry, Biao completed a PhD on manufacturing management (with a full scholarship) at Loughborough University.

He was subsequently employed as a Research Associate at Cardiff Business School, working on the Integrating Transport and e-commerce in Logistics Supply Chains (ITeLS) project sponsored by the EPSRC and the Department for Transport. At Sussex, Dr Yang’s research interests include logistics and supply chain management, service operations management, and stochastic models for inventory and production.
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DR ANTHONY ALEXANDER
LECTURER IN OPERATIONS MANAGEMENT

Anthony has 20+ years of experience working across a variety of different industries from communications to the urban and architectural engineering sector, before moving into academia and focusing on business cases for sustainability.

His work now addresses different social and environmental challenges from a supply chain perspective, including carbon reduction, the circular economy, and deforestation.

DR ANIEKAN ESSIEN
LECTURER IN INFORMATION SYSTEMS

Aniekan is an AI / Machine Learning researcher and Data Scientist with a passion for creating impact using technology. Having a researcher’s mindset, he is continually on the lookout for practical solutions to real-world problems.

The goal of his research is the application of artificial intelligence/ machine learning models to realise organisation improvement. His has involved the development and application of deep learning models to urban traffic prediction, energy utility/consulting, and smart manufacturing process improvement.
THE BENEFITS OF ONLINE LEARNING

FLEXIBLE LEARNING
We have six entry points each year, allowing you to start your course at a time that suits you. You can step on and off the course if you need to take a break from your studies at any time*.

*Maximum study break applies – the course must be completed within 4 years from enrolment.

STUDY FROM ANYWHERE
Taught 100% online, you can benefit from our expert teaching, informed by our world-leading research, from wherever you are in the world – giving you the opportunity to build a global network.

SPREAD THE COST
You can choose to either pay your fees in one payment at the start of your course or pay for each module as you study to spread the cost out across the course.

NO NEED TO TAKE A CAREER BREAK
Learning online with us is the perfect way to develop your skills, knowledge and employability without taking time away from your professional or life commitments.

GAIN THE SAME QUALIFICATION AS ON-CAMPUS
You’ll be taught by leading academics, researchers and practitioners alongside a global classroom of students who are passionate about building a more sustainable future.

24HR ACCESSIBILITY TO LEARNING MATERIAL
Our Virtual Learning Environment (VLE) is a bespoke platform, designed specifically to deliver our practically focused Masters to students around the world.
All modules on this course are core and are designed to equip you with the knowledge and skills to understand and apply specialist skills and knowledge. Each module lasts seven weeks and is delivered via Canvas, a state-of-the-art online learning platform, which can be accessed by a computer, tablet or smartphone alike so you can truly study whenever and wherever you like.

You can take control of your schedule by fitting the recommended 20 hours study time per week around your existing commitments and lifestyle. In order to graduate the course, all of the modules must be successfully completed.

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**AGILE OPERATIONS PLANNING AND INNOVATIVE SUPPLY CHAINS**

This module covers agility and flexibility in the design of supply chain networks. You’ll learn how to rationalise inventory, reduce costs, and build predictable supply chains.

You’ll use public and private organisations as case studies and discuss trends in supply chain innovations. You’ll also be taught quantitative and qualitative analytical skills through problem-based activities.

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**SUPPLY CHAIN FINANCE**

Understanding basic institutional finance is essential for managing supply chains and global trade. In this module you’ll look at supply chain finance issues through business, technological and ethical perspectives.

Key topics on the module include working capital optimisation and reverse factoring. You’ll study relevant technologies such as Artificial Intelligence (AI), Application Programming Interfaces (APIs), Blockchain, Distributed Ledger Technology (DLT), and Smart contracts.

The module’s focus is on financial transactions in e-commerce and potential new challenges and opportunities of cryptocurrencies and digital assets.
DIGITISED AND RESPONSIBLE PROCUREMENT

The aim of this module is to equip you with the skills required for strategic procurement roles. These skills will be relevant for procurement professionals in any sector.

You will study a wide range of key topics from procurement planning to the management of supplier relationships.

A variety of case studies, benchmarks and simulations will be used to illustrate digitised procurement.

SUPPLY CHAIN GOVERNANCE FOR SUSTAINABILITY

This module focuses on sustainability while investigating the regulation of supply chains in agriculture, manufacturing, extractive industries, retailing and services.

You’ll analyse supply chain governance in both international and domestic corporate law, with a focus on environmental, social and human rights (ESHHR).

You will assess how firms compete in the 21st century. Students look at the role of regulation, including industry standards, for more sustainable global supply chains.

CIRCULAR AND SUSTAINABLE LOGISTICS

In this module you will cover the circular economy and sustainable supply chain management principles and practices. You’ll look at the construction, packaging, plastics, electronics and textiles sectors. You’ll learn to meet the challenges of environmental and social impacts and address the risks of greenwashing.

Key topics on this module include:
- Sustainable logistics
- Circular business models
- Closed loop supply chains
- Remanufacturing
- Human aspects of logistics
- Transport regulatory and legislative aspects

TRANSFORMATIONAL SUPPLY CHAIN AND LEADERSHIP SKILLS

This module has been developed with input from industry professionals to teach you to lead transformational change in supply chain careers. You’ll study the theories and practices of professional performance and learn to create professional development plans.

Key topics include developing skills, setting goals, organisational culture, change management, performance measurement and relationship management.
SUPPLY CHAIN DIGITISATION

The aim of this module is to showcase digital supply chains as fully connected, end-to-end, full-product lifecycle networks. You will consider their impact on supply chain management and on the core processes of organisations.

You’ll learn about fully connected smart supply chains and 3-D printing, and their role in delivering flexible, agile, efficient and resilient modern supply chains. You’ll assess the effects of smart contracts and blockchain technology, artificial intelligence, smart mobility, modularity, and big data.

HUMANITARIAN AND ETHICAL SUPPLY CHAIN MANAGEMENT

This module covers two emerging themes:

- Managing the logistics of providing humanitarian relief during disasters or emergency situations
- Ethical treatment of employees, the environment and other affected stakeholders.

You’ll explore the complexities in decision-making, coordinating resources, and using technology when it comes to humanitarian supply chains and ethical decisions.

In this module you’ll also be exposed to ethical production issues around modern slavery and child labour, fair pay and working hours, health and safety issues and corruption.

SUPPLY CHAIN ANALYTICS

In this module you’ll have the chance to examine quantitative approaches to supply chain and logistics management. You’ll use appropriate supply chain analytics techniques, and cover uncertainty modelling through probability and decision analysis.

The aim of the module is to teach you how to apply modelling and control techniques in a number of supply chain and logistics settings.
MODULE GUIDE

SUPPLY CHAIN RESILIENCE IN MODERN TIMES

The aim of this module is to provide you with potential capabilities and practical solutions to build more resilient supply chains across various industries and sectors. You’ll study the different risks and vulnerabilities in modern global supply chains, and investigate how digitisation and sustainability could help rebalance the supply network to build adequate capacity and transparency in the value chain.

AUTONOMOUS OPERATIONS AND FUTURE OF LOGISTIC

In this module you’ll uncover the role of smart technologies in production, warehousing, distribution, and retail operations.

You will focus on the technology usage, including automated storage and retrieval systems, the employment of autonomous drones and trucks and other solutions for last mile delivery. In addition, you’ll discuss augmented and virtual reality technologies from a services and retail perspective.

PRACTICE INFUSED PROJECT

The aim of this module is to enable you to apply the skills and knowledge you have obtained from this course to a real-life case study. You will be able to shape your project according to your interests by selecting a case study that is relevant to your current workplace, or future career goals. The final project is supposed to be a practice-infused question, which ideally you should develop together with a professional expert.

SUPPLY CHAIN RESILIENCE IN MODERN TIMES

The University of Sussex regularly reviews modules to provide the most innovative and relevant courses of study. As a result, module offerings may change. The information in this leaflet is correct at the date of publication, but please keep an eye on our website study-online.sussex.ac.uk for the most up-to-date course information.
KEY INFORMATION

ENTRY REQUIREMENTS
A lower second-class (2.2) undergraduate honours degree or above from any UK university or international equivalent. Applicants whose first language is not English (and whose first degree was not taught in English) need to supply evidence of IELTS (Academic) high level (6.5 overall, including at least 6.0 in each component).

FEES AND FUNDING

Course fee: £11,750
Cost per module: £980*
*Modules 1-11 cost £980, and module 12 cost £970

Flexibility is at the heart of our online courses: fees can be paid on a module-by-module basis, or as a single fee at the start of the course.

You may also consider corporate sponsorship and employer funding. Please email our Admissions Team at studyonlineadmissions@sussex.ac.uk to receive assistance with next steps for this method of payment.

Course fees will remain fixed for 24 months from your initial course start date. Thereafter, the course fee will rise at a rate of 2.5% per calendar year (subject to rounding for administration purposes).

20% ALUMNI DISCOUNT

If you have previously graduated from an undergraduate, postgraduate or PhD course with the University of Sussex you will be eligible* for a 20% discount on this online course.*T&Cs apply.

Please visit our Fees and Funding page for more information on funding for your studies:

STUDY-ONLINE.SUSSEX.AC.UK/FEES
Visit the course page to learn more.

STUDY-ONLINE.SUSSEX.AC.UK/ONLINE-COURSES/GLOBAL-SUPPLY-CHAIN-MANAGEMENT

Disclaimer: This brochure was published November 2021. The University of Sussex has made every effort to ensure that this information is both helpful and accurate but some changes, for example to courses, facilities or fees, may become necessary due to legitimate staffing, financial, regulatory or academic reasons. Visit study-online.sussex.ac.uk