



# MSc Supply Chain Management and Logistics

POSTGRADUATE

BLENDED

ONLINE







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**Arden University has three decades of experience providing higher education, and we've helped more than 50,000 students globally gain the qualifications they need to succeed. We have a 95% student satisfaction rating, and 9 out of 10 Arden students believe studying with us has helped them transform their careers.\***

\*Arden University 2021 graduate survey



# MSc Supply Chain Management and Logistics

**POSTGRADUATE****BLENDED****ONLINE**

You can visit the Arden University website page for this course [here](#).

Through the MSc Supply Chain Management and Logistics, you'll develop industry skills to address the challenges created by today's competitive, omni-channel supply chain environment, and to create agile, tech-savvy, customer-responsive, and profitable supply chains. You'll be guided by lecturers with professional experience in some of today's leading companies, helping get you on the right track to career development.

To support your career development, the course is currently undergoing accreditation by the CILT and CIPS. Arden University's Faculty of Business is a member of the Business Graduates Association.

## Course at a glance

- Analyse relevant theory, case material and the enabling technologies that might be deployed to optimise supply chain performance.
- Evaluate methodologies for enhancing supply chain efficiency in the digital business environment.
- Evaluate the contribution of big data, artificial intelligence, and robotics in contemporary supply chain management.
- Develop a variety of transferable skills suited to an extensive range of supply chain and operations roles.



The Chartered  
Institute of Logistics  
and Transport



Chartered Institute of  
Procurement & Supply

## Key facts

**Location:** Blended (Berlin), online

**Start dates:** Every 3 months

**Full time:** 1 year

**Part time:** 1 year+

## Contact us

If you'd like to get in touch to find out more about studying this course, please use the following:

### UK online learning:

Call 0800 268 7737

Email [study@arden.ac.uk](mailto:study@arden.ac.uk)

### International online learning:

Call +44 20 300 56070

Email [online@arden.ac.uk](mailto:online@arden.ac.uk)

### Berlin blended learning:

Call +49 30 235901000

Email [studyberlin@arden.ac.uk](mailto:studyberlin@arden.ac.uk)

## Entry requirements

To be eligible for the MSc Supply Chain Management and Logistics, you should normally have:

- A first degree or equivalent at 2:2 level or above.
- Candidates who lack formal qualifications but possess at least five years relevant experience at managerial level will also be considered.

English proficiency:

- IELTS 6.5 (no than 6.0 in any element); or TOEFL iBT 90; or equivalent
- Alternatively, a letter to show that the Medium of Instruction was in English is accepted.

## Career Progression

- Supply Chain Solution Design Analyst
- Supply Chain IT & Cyber Specialist
- Logistics Manager / Director
- Procurement Manager / Specialist
- Quality Manager

**If you'd like to get your application started, please [click here](#).**



## Blended learning

**Blended learning with Arden University brings you the best of both worlds: a flexible mix of face-to-face teaching at one of our study centres in the UK or Berlin, Germany, combined with independent online learning that you can take part in whenever and wherever works best with your existing commitments.**

When you study via blended learning, you'll study two course modules at a time over 10-week periods. Each week of study will require a minimum of 33.5 hours of participation, which comprises:

- 8 hours of timetabled face-to-face teaching each week based in one of our study centres
- A minimum 25.5 hours of independent online learning

Your face-to-face classes will be scheduled on either two mornings (9.00am to 1.00pm), two afternoons (1.30pm to 5.30pm), or two evenings (two nights on campus 5:30-9:30pm) during teaching weeks. You'll be able to opt for your preferred time when you apply and, we'll do our best to accommodate your preferred schedule subject to student intake numbers for your course.

You can find out more about blended learning with Arden University [here](#).

## Study centre locations

- Ealing, London, UK
- Holborn, London, UK
- Tower Hill, London, UK
- Birmingham, UK
- Manchester, UK
- Leeds, UK
- Berlin, Germany

Please note: course availability varies depending on study centre location.

Please visit our [course page](#) for the latest information on available locations.

**Meet some of our blended learning students [here](#).**

## Online learning

**Studying this course online gives you a lot of flexibility and convenience. You can enrol with us from anywhere in the world and study your degree from the comfort of home, without the requirement to attend classes in a physical location.**

You'll study the course through ilearn, our university campus in the cloud. ilearn provides you with an integrated online learning experience, including your virtual classroom, lecture hall, and online library of more than half a million books and journals – yours for free while you study with us.

Studying online doesn't mean studying alone. As well as receiving regular feedback and guidance from your course tutor, you'll be studying with likeminded students and you'll have access to community message boards to discuss your course and the topics being raised within it.

We've even set up community boards embedded into each of the course modules so you can have discussions with your tutor and classmates on the topics you're currently learning.

You can find out more about online learning with Arden University [here](#).

## Online learning key benefits

- Study anywhere worldwide
- Plan your own schedule
- Benefit from reduced costs
- Study around work and family life

**Discover why so many students choose online learning with Arden [here](#).**



**Your course modules have been devised in consultation with some of today's leading employers in supply chain, such as Apple, Amazon, Cargolux, Hilton hotels, Jaguar, McDonalds and Tesco. Through this, you'll develop the latest skills in digitising, economising, optimising, and managing supply chains in contemporary business scenarios, preparing you for an exciting range of career opportunities.**

The course also focuses on hands-on, real-world experience with relevant digital technologies, software applications, and business models to make sure you graduate with informed, practical experience you can apply in the workplace.

Please see the following pages for a detailed overview of each course module.



## Core modules

### **Designing Global Network, Distribution and Fulfilment Systems (20 credits)**

This module will introduce the fundamentals of supply chain distribution systems and evaluate its key models and frameworks. You will gain advanced knowledge and practice in the field of supply chain management within the global digital business environment, and the skills to apply this knowledge in real-world business situations. Upon completion of the module you will have the ability to:

- **Critically analyse and discuss in a systematic and critical manner the concepts, principles and models related to supply chain management in the digital business environment.**
- **Synthesise a range of advanced and specialised supply chain concepts, digital technologies, and principles and models and apply these to distribution and fulfilment systems.**
- **Evaluate the key role that various information and communication technologies play in supply chain distribution and fulfilment systems.**
- **Evaluate the importance of ethics, sustainability and cultural differences in supply chain management.**

### **Designing Sustainable Design Chain Strategies (20 credits)**

The contemporary business environment is being transformed by both digital technology and an increasing emphasis on the impact of business activities on the natural world. This module will explore methods for incorporating sustainability into the formation, monitoring, and management of supply chains, as well as how digitisation can be used to reinforce it. At the end of the module you will have the skills to:

- **Discuss and evaluate a range of perspectives on the concept of 'sustainability'.**
- **In the context of sustainability, discuss and evaluate digitally focused approaches to supplier/distributor selection and supply chain network design.**
- **Assess the role of product and process design technologies in contributing to the extraction and re-use of raw materials within the same or alternative supply chains.**
- **Devise and evaluate business cases for sustainable supply chains and their importance to the formation of overall sustainable corporate strategy.**

## Introduction to Supply Chain Management (20 credits)

Today's global supply chain management practices utilise new technologies that drive logistical and operational efficiencies. This module will introduce supply chain management fundamentals within the digital business environment and emerging digital product and service supply chains. Specialist business simulation software will bring to life the theory and knowledge covered in the module, giving you practical skills in digital supply chain management. Your learning outcomes include the ability to:

- **Evaluate fundamental supply chain principles in a range of organisational contexts.**
- **Evaluate the contribution of digital technology, big data sets and analytics in driving supply chain improvements.**
- **Critically assess the technological disruptors facing contemporary supply chains.**
- **Examine the ethical and regulatory issues associated with digital supply chain management.**

## Managing the Digital Supply Chain (20 credits)

Supply chain and management practices are harnessing new technologies to drive logistical and operational efficiencies. This module will explore the impacts of various forms of automation and artificial intelligence technologies on conventional supply chain management, as well as provide an overview of contemporary digital supply chain management. Specialist business simulation software will be incorporated to give the module a practical basis. The module will develop your ability to:

- **Discuss ways in which supply chain operations are being transformed by automation and AI.**
- **Evaluate the contribution of automation and AI technologies to supply chain enhancements across a range organisational context.**
- **Appreciate and assess the challenges faced by the introduction of automation and AI technologies.**
- **Examine ethical issues associated with the introduction of automation and AI.**

## Principles of Procurement (20 credits)

This module will introduce the contributions of digitisation on procurement strategies and operations. Various digital sources of competitive advantages and organisational efficiencies will be explored and discussed within a range of organisational contexts. The module will also examine the impact and consequences of deploying new technologies such as AI, blockchain, big data analytics, and automation in transforming procurement. It will provide you with the skills to:

- **Critically evaluate a range of digital procurement models and processes in various organisational contexts.**
- **Assess the digital sources of competitive advantage in the procurement domain.**
- **Evaluate the contributions of new technologies, analytical tools and AI.**
- **Examine the ethical, legal and regulatory aspects associated with introducing digital procurement.**

## Business Transformation Project (60 credits)

Building on the taught element of the programme, the digital business project will provide an opportunity to develop a feasible digital business transformation plan. The projects' focus should center around a digital intervention that a chosen organisation could harness to enhance their performance. You will be expected to create an original digital business plan, critically evaluate its organisational benefits, and discuss any challenges that could arise. The project will develop your ability to:

- **Identify and research a digital business transformation topic relevant to the digital business environment.**
- **Present and discuss research findings in a manner that is both academically robust and professionally acceptable.**
- **Review relevant literature from academic and professional (for example, corporate reports, industry statistics and professional journals) sources.**
- **Develop research skills which enhance the ability to evaluate digital business transformation projects.**

## Elective modules

### Analysing Big Data (20 credits)

Businesses are increasingly having to manage, process, and interpret big data sets to remain competitive and ensure sustainability. This module will explore the characteristics of big data using the 5 Vs model, develop a critical understanding of tools and techniques for interpreting data and delivering effective data-based solutions, and evaluate data governance issues. It will also consider the ethical, legal, and regulatory challenges associated with big data analysis. At the end of the module you will have the skills to:

- **Apply and evaluate analytical software and techniques.**
- **Evaluate big data governance, ethical and security issues.**
- **Evaluate various cloud computing architectures and technologies including public, private and hybrid clouds.**
- **Critically analyse the applications of cloud technologies to organisations.**
- **Develop and evaluate strategies to enhance organisational effectiveness using cloud technologies.**

### Digital Finance and Ledger Systems (20 credits)

The financial sector has adopted agile systems and harnessed emerging technologies such as big data in order to keep up with digital transformations and improve decision-making. This module will explore the contribution of digital finance and ledger systems by evaluating a range of new financial technologies. It will also develop your applied digital financial management skills in meeting the challenges faced by today's industry, including ethical, regulatory and legal considerations. You will become equipped with the skills to:

- **Critically evaluate a range of digital technologies in the accounting and financial arena.**
- **Design and evaluate digital solutions to contemporary accounting and financial management challenges.**
- **Assess the accounting and financial management challenges impacting the contemporary digital business environment.**
- **Assess the importance of big data analysis in modern financial environments.**



## **Leading and Working in the Digital Business Environment (20 credits)**

New workplace technologies and digitisation are changing the way we lead and work. Using organisational audits, simulation software, and live case studies, this module will develop your mid to senior leadership skills in the digital business environment. It will explore theoretical leadership concepts before moving onto the impact of disruptive technologies on digital business transformations and how KPIs can be used to measure transformation success. At the close of the module you will be able to:

- **Critically evaluate major theoretical perspectives of leadership within a digitally transforming business.**
- **Critically analyse leadership situations through engagement with real-life scenarios at the workplace.**
- **Assess the impact of disruptive technologies in the workplace and the emergence of disruptive business models from unexpected competitors leading to change.**

## **Managing Cloud Based Business Solutions (20 credits)**

With the rapid advance in use of cloud technologies, organisations are not only moving their critical assets and information to the cloud, but also seeking on-demand cloud-based solutions for business problem solving and decision making. This means that cloud computing is the most critical technology powering the business world. The aim of this module is to set you up with fundamental knowledge of cloud computing, industry best practice, and the core skills required to deliver cloud-based solutions for organisations. The module will enable you to:

- **Evaluate various cloud computing architectures and technologies including public, private and hybrid clouds.**
- **Critically analyse the applications of cloud technologies to organisations.**
- **Develop and evaluate strategies to enhance organisational effectiveness using cloud technologies.**
- **Critically evaluate an organisation's readiness for cloud migration and develop a strategy to support a cloud migration that considers stakeholders.**



## Dr. Dilshad Sheikh

Dean of the Faculty of Business

Dr. Dilshad Sheikh joined the Faculty of Business in November 2020, becoming Arden University's first official Dean. Dilshad brings an impressive 20 years of experience with her as an academic in the Higher Education sector, with her most recent role being the Dean of the Business School at University College Birmingham.

Dilshad is responsible for developing and expanding Arden University's portfolio of business and healthcare management programmes, providing academic leadership and spearheading the creation of the university's planned new schools.

### Why study with Arden University?

**At Arden University we believe everyone, everywhere has the right to gain the life and career benefits that higher education can bring. We are dedicated to making the university experience convenient and accessible to ambitious and motivated individuals worldwide.**

Our mission is to connect adult learners like you with higher education study opportunities that give you the tools you need to fulfil your career and life goals. We challenge conventional perceptions of degree study by providing flexible, vocational courses with timetables and learning options that fit around your life commitments.

As an education provider that is not constrained by bricks and mortar or traditions, we are able to offer courses that are innovative, affordable, and which help students and employers reap the benefits of contemporary training and skills development.

Arden is the university that comes to you, on your terms, helping you achieve the life and professional success you want.





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