

# Master of Supply Chain and Logistics Management

➔ Meet demand.  
Deliver success.

- This brochure also includes information on the Graduate Certificate in Supply Chain & Logistics Management



# Table of contents

Are you ready for the future?	3
Program overview	4
The RMIT Online student experience	6
What you can expect from each course	7
Program structure	9
Program details	10
Entry requirements	11
A new future awaits you	12
Course descriptions	13
Where we rank	26



# Are you ready for the future?



They say you're only as strong as your weakest link.

As supply chains become increasingly complex – globalised, digitised and prone to disruption – this principle applies to businesses now more than ever before.

A weak or wasteful supply chain results in a poor customer experience, damage to the environment and is a risk to business. On the other hand, a strong, sustainable supply chain delivers value above and beyond a customer's expectations, giving them what they want when they need it, and providing businesses with a competitive edge.


Become a supply chain leader with RMIT Online's Master of Supply Chain and Logistics Management program, one of Australia's most comprehensive supply chain and logistics management programs.

Gain hands-on experience and learn up-to-date and end-to-end knowledge and skills to succeed in a range of industries, including supply and procurement, operations and materials handling, freight transport and forwarding, and distribution and warehousing.

Meet demand. Deliver success.



# Program overview



Master the contemporary, real-world skills you need to manage the sourcing, procurement, supply and distribution of goods and services across industries.

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## Master of Supply Chain and Logistics Management

This program gives professionals a world-class, comprehensive skill set to manage and create efficient and sustainable strategies across the entire supply chain.

### You will learn how to:

- Demonstrate a broad, critical and practical understanding of contemporary issues and practices in business.
- Critically and methodically analyse contemporary logistics and supply chain issues to design efficient and effective operations processes.
- Apply analytical logistics and supply chain skills to solve operationally complex problems.
- Conduct logistics and supply chain practices in a socially responsible and ethical manner.
- Demonstrate confidence and competence in negotiating contracts, resolving conflicts and rationalising business decisions in multi-cultural settings.
- Apply and integrate professional theory with practice in authentic Work Integrated Learning (WIL) contexts, professional contexts and industry settings.
- Apply research principles and methods to design innovative options and solutions for, and to make reasoned judgements about, problems and issues in contemporary business practice.

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## Graduate Certificate in Supply Chain and Logistics Management

This program is designed to introduce professionals to the critical foundations of supply chain management that employers are demanding right now.

### You will learn how to:

- Understand contemporary logistics and supply chain issues and learn to analyse them to design efficient and effective operations processes.
- Navigate multi-cultural settings, including the handling of contracts, conflicts and business decisions.
- Utilise project and change management skills to develop solutions to deal with business problems.





## Be part of a growth industry

Make your mark in a rapidly evolving industry and get ready for a career of tremendous breadth and opportunities across industries, such as supply and procurement, freight transport and forwarding, distribution and warehousing.



## Develop a holistic set of skills, applicable across industries

Our 100% online program is one of the most holistic, practical and in-depth supply chain programs in the market.



## Make better decisions surrounding environmental impact

Understand green practices and discover how you can create and implement sustainable strategies that will support your business success.

# The RMIT Online student experience



- A flexible student experience allows you to use study tools anywhere at any time.
- Our cutting-edge learning environment means you don't have to be a computer whizz to use it.
- Industry-experienced academics will guide you every step of the way.
- Online doesn't mean you're alone – connect with fellow students to share ideas, organise study groups and support one another.
- One-on-one support and assistance from your personal advisor keeps you motivated and helps you reach your goals.
- Build your professional network through the connections you make while studying.
- Graduate with a globally recognised degree without compromising your life or career trajectory.



# What you can expect from each course



## Initial communication

Use the online forum to introduce yourself to other students and your course instructors. You can also form study groups and find information about course topics, teachers, set reading, key assignment dates and grading considerations.



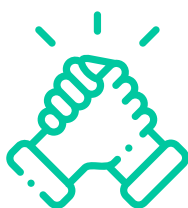
## Learning content format

You'll engage with a variety of learning materials, including video, text-based content, animations and more. Each week's content is presented and linked to learning objectives and overall course goals. This means you can monitor your progress and prepare for upcoming topics and concepts.



## Synchronised study sessions

These sessions are available for you to review and clarify your understanding of the content. With at least one session per seven-week course, they are scheduled well in advance, so you can fit them into your schedule. Times are rotated to accommodate students in multiple time zones, and sessions are recorded so you can watch them again.



## Ongoing support and re-enrolment

Each student will have a dedicated advisor to help guide and motivate you through coursework, enabling you to manage your study/work/life balance, and help keep you informed of re-enrolment for upcoming study periods. This one-on-one support continues through to graduation.



## Discussion boards

Discussion boards are open for the duration of each course helping to promote critical thinking and interaction. Instructors use tagging/reply features to ensure that all students receive important program and course notifications. Discussions are created and moderated by the course or section instructor and, depending on the course, are included in participation grades.



## Assessment

All RMIT postgraduate programs include rigorous assessments in the form of case studies, reports, online discussion interaction and engagement. The aim is to ensure your learning is valuable, authentic and applicable to your work. With RMIT Online, you will not have any traditional on-campus exams. However, you may have tests, quizzes or other online assessments.



## Discover RMIT online

Explore the RMIT online learning environment and get an insight into what your course and assessments will be like using Discover RMIT Online.

[Sign up today](#)



# Program structure



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## Master of Supply Chain and Logistics Management

- Supply Chain Principles
- Business Analytics
- Supply Chain Modelling & Design
- Business Project Management
- Strategic Operations and Supply Chain Management
- Distribution and Freight Logistics
- International Logistics
- Supply Chain Sustainability
- Business Research Design
- e-Business Supply Chains
- Managing Supply Contracts
- Strategic Procurement Management
- And four electives from any of the following seven courses (16 course masters only):

1. Predictive and Prescriptive Analytics in Business
2. Visualising and Communicating Insights in Business
3. Digital Risk Management and Information Security
4. Digital Innovation
5. Leadership and Management
6. People and Organisations
7. Design Thinking for Business

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## Graduate Certificate in Supply Chain and Logistics Management

- Supply Chain Principles
- Business Analytics
- Supply Chain Modelling & Design
- Business Project Management

# Program details

## ■ Fees

2024 tuition fees are \$4,080<sup>^</sup> per course, totalling \$48,960<sup>^</sup> for 12 courses, or \$65,280<sup>^</sup> for 16 courses (see entry requirements).

Graduate Certificate is \$16,320<sup>^</sup> / \$4,080<sup>^</sup> per course.

[See our fees page for further information](#). Fees are listed in Australian dollars and apply to 2024 only. They are adjusted on an annual basis and should only be used as a guide. FEE-HELP is available.

<sup>^</sup> Plus a capped [Student Services and Amenities Fee \(SSAF\)](#) based on your credit point enrolment load.

## ■ Program intakes

Six intakes annually:

January, March, May,  
July, August and  
October.

## ■ Program duration

Masters (12 courses) | 2 years part-time.\*

Masters (16 courses) | 2.7 years part-time.\*

Graduate Certificate (4 courses) | 8 months part-time.\*

Each course is seven weeks in duration and requires a minimum of 15–20 hours of study per week.

## Nested qualifications

Our Master of Supply Chain and Logistics Management encompasses courses that make up our Graduate Certificate in Supply Chain and Logistics Management, so if you need to exit the program early you will have still earned a postgraduate qualification. The Graduate Certificate is also a pathway to the Masters for some students (see entry requirements).

## Ready to apply?

We recommend speaking with one of our Enrolment Advisors before applying for this program. Alternatively, you can apply by logging in and following the instructions in the [Application Portal](#). To ensure you select the right program in your application, please use the below program codes:

**GC055KP16** - Graduate Certificate in Supply Chain and Logistics Management

**MC198KPX16** - Master of Supply Chain and Logistics Management

\*Completion time dependent on individual study path and course availability. Please speak to a Student Advisor for more information.

# Entry requirements



## Master of Supply Chain and Logistics Management

### 12 course Masters

- An Australian bachelors degree (or equivalent), or higher-level qualification, in a business or related discipline from a recognised tertiary institution\*, or
- An Australian bachelors degree (or equivalent), or higher-level qualification, from a recognised tertiary institution in any discipline with a minimum grade point average (GPA) of 1.0 (out of 4.0)\* plus a minimum of two years relevant work experience, or
- The RMIT Graduate Certificate in Supply Chain and Logistics Management<sup>^</sup>.

### 16 course Masters

- An Australian bachelors degree (or equivalent) in any discipline from a recognised tertiary institution.

## Graduate Certificate in Supply Chain and Logistics Management

- Australian bachelors degree or equivalent, or higher-level qualification in any discipline\*; or
- If you do not meet the above entry requirement for the graduate certificate, you may be considered if you have five years of relevant work experience.

We offer Recognition of Prior Learning, or the recognition of previous study or learning. This means you can apply for credit and reduce the number of courses you need to complete. Your application will be decided on a case-by-case basis. RMIT aims to grant as much credit as possible at the time of offer, so it's important to provide as much evidence of prior study or work experience as possible with your application. Speak to our Enrolment Advisors to find out more.

\*If your qualification was completed more than 10 years ago you will need to provide evidence of ongoing professional work and/or professional development in the same discipline as the program for which you are seeking entry.

<sup>^</sup>Upon successful completion of the Graduate Certificate you will have the opportunity to progress to the Masters degree.

# Your online study journey starts here!



Get in touch with one of our Student Enrolment Advisors today to guide you through the process of starting your online degree.

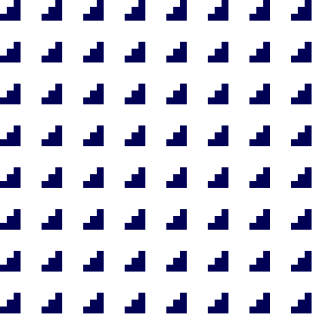
## Further information

 [studyonline.rmit.edu.au](https://studyonline.rmit.edu.au)

 Call 1300 701 171

Book a 15-minute chat today





# Course descriptions

Supply Chain Principles	14
Business Analytics	15
Supply Chain Modelling & Design	16
Business Project Management	17
Strategic Operations and Supply Chain Management	18
Distribution and Freight Logistics	19
International Logistics	20
Supply Chain Sustainability	21
Business Research Design	22
e-Business Supply Chains	23
Managing Supply Contracts	24
Strategic Procurement Management	25





# Supply Chain Principles

## Course overview

This course generally refers to a network of business entities working together to deliver a product or service to market. Therefore, supply chain management extends the study of logistics beyond the boundaries of a single organisation and places particular emphasis on the interfaces between the 'chain' or 'network' of enterprises engaged in moving products, services, and information from suppliers through intermediaries to end users and/or consumers.

The overarching framework around which the course content is organised is the supply chain management performance and capability continuum, which has three critical components, namely operational excellence, supply chain integration and collaboration, and virtual supply chains.

This course aims to introduce you to the basic concepts and principles of supply chain management and logistics with focus on the above-mentioned three critical components. In this course, the development of supply chain principles using inventory management, just-in-time and e-supply chain techniques will be explored. The issues of integration, coordination and collaboration across organisations and throughout the supply chain will be addressed and discussed using case studies.

## Learning outcomes

On successful completion of this course, you will be able to:

- Integrate advanced concepts of logistics and supply chain management as implemented in public and private sectors.
- Critically analyse situations and develop solutions to complex, real-world supply chain problems by leveraging resources, capabilities and competencies.
- Apply specialised discipline skills to independently interpret and transmit logistics and supply chain knowledge, capabilities and ideas to specialist and non-specialist audiences.
- Conduct research to understand applications of supply chain management concepts in practice.



# Business Analytics

## Course overview

This course introduces you to the concepts, fundamentals and tools of business analytics. You will critically examine how data can be used to drive decision-making through statistical and quantitative analysis, explanatory and predictive modelling and fact-based management. You will also develop, evaluate and analyse core analytic techniques and skills that are frequently applied in business. No matter what your business focus, you and/or your business will be a future user of analytics.

## Learning outcomes

On successful completion of this course, you will be able to:

- Evaluate the key concepts of business analytics and assess the results generated to deliver positive outcomes.
- Argue the relationship of the business analytics process within the organisation's decision-making process.
- Access relevant business data and pre-analyse the data to the exact specifications and variables.
- Examine and apply appropriate business analytic techniques and methods to inform responsive, evidence-based decision-making to improve performance.



# Supply Chain Modelling & Design

## Course overview

This course aims to provide key theories and practices in the design and management of logistics systems. It prepares you for logistics management positions in manufacturing, warehousing, transportation and distribution firms.

The course covers specific areas of distribution, warehousing and transportation, logistics/supply chain integration and logistics/supply chain performance indicators. The application of analytical techniques to selected aspects of logistics systems is explored in the course. Mathematical models in these areas will be discussed in terms of their ability to represent the problem and usefulness to the managers and practitioners.

Case studies will be used to demonstrate the nature of decision-making problems that managers and practitioners face in logistics and supply chain management in contemporary business environments.

## Learning outcomes

On successful completion of this course, you will be able to:

- Analyse and apply the theories and practices of logistics systems in logistics management.
- Formulate and propose supply chain and logistics systems solutions to improve the management of logistics and supply management.
- Implement mathematical models to solve problems in logistics in contemporary business environments.
- Critically reflect your proposed supply chain and logistics solutions in communicating with relevant stakeholders.



# Business Project Management

## Course overview

This course evaluates the practice of project management and the role of the project manager. The curriculum prepares you to work in industry where delivering new products and processes and introducing change are facilitated via a project-based environment. The processes, techniques and tools that you will examine are multi-disciplinary and are leveraged across a wide range of industry sectors. You will use these processes, techniques and tools to develop a project proposal as part of a team. You will also critically appraise industry practice using project management standards, substantiating your recommendations with relevant research.

## Learning outcomes

On successful completion of this course, you will be able to:

- Evaluate and use tools, techniques and processes to solve project management problems.
- Critically appraise projects using industry standards and methods.
- Devise a project proposal in collaboration with team members in response to client requirements.
- Substantiate recommendations for enhancing project performance using relevant research.



# Strategic Operations and Supply Chain Management

## Course overview

Supply chains are no longer a subject for functional specialists; rather, their performance has a great impact on all stakeholders and often creates competitive differentiation. Companies must develop appropriate strategies to maximise the value generated along their respective supply chains. This course extends the study of supply chain principles and management from the introductory study covered in Supply Chain Principles (OMGT1021/OMGT2114/OMGT2107 or equivalent code). The focus of the course is on the development of organisational strategy in the context of strategic operations and supply chain management. Using local and international case studies, this course explores the three critical areas of strategic operations and supply chain management: supply chain operations, integration and collaboration and virtual supply chains.

This course provides you with a capstone experience, which will give you the opportunity to integrate, critically reflect on and consolidate what you have learnt in your program.

## Learning outcomes

On successful completion of this course, you will be able to:

- Demonstrate ability to systematically analyse operational and supply chain strategies in light of the emerging supply chain frameworks and business models.
- Develop business, operations and supply chain management strategies using a strategic alignment model.
- Effectively apply the alignment model and assess the strategic needs of business and supply chain networks.
- Evaluate emerging operations initiatives for supply chain collaboration and their strategic implication.
- Integrate organisational changes related to supply chain strategy implementation.
- Analyse and measure performance through the effective application and research problem solving of supply chain performance models.
- Build effective, informal collaboration skills with others through project work, in culturally and linguistically diverse contexts.





# Distribution and Freight Logistics

## Course overview

The overarching goal of this course is to highlight the role of transport and freight distribution in facilitating and enhancing both intra- and inter-firm supply chains and logistics operations. This course is designed to provide an in-depth understanding of the interrelations between components of freight distribution and the role of transport in facilitating and enhancing supply chain operations and logistical performance. Emphasis is placed on understanding the strategic functions of four key elements in freight logistics, i.e. retailing, distribution and marketing channels, city logistics, and transportation management. Issues concerning the distribution planning and location modelling, delivery postponement, selection of marketing channels, freight routing, port logistics and transport mode selection in ways that affect transport and physical distribution of goods within and between organisations, will be discussed.

If you are undertaking this course in Melbourne from semester 2, 2012 onward, your class will be held in a device-equipped teaching space. Each student group will have access to a laptop. It is, however, recommended that you have access to a mobile computing device to allow greater flexibility in terms of where you can work on campus, both in and outside class times.

## Learning outcomes

On successful completion of this course, you will be able to:

- Examine and evaluate key concepts, models and theories in the field of distribution and freight logistics.
- Develop and present critical and coherent analyses and management discussions on aspects of freight logistics.
- Apply appropriate techniques and methods to analyse freight distribution and movement patterns and make applicable recommendations.
- Assess and analyse transport mode choices and freight distribution options to improve logistics efficiency.
- Develop effective interpersonal and communication skills working in teams, lead and coordinate group work, as well as working individually to produce high quality work.



# International Logistics

## Course overview

The focus of this course is on the changing face of international logistics in the 21st century. The essentials of the course will encompass several important elements of international logistics, such as transport modes, nodes and hubs, and corridors. It will also cover elements of the contemporary context of international logistics, including global trade production and distribution, global outsourcing and changing patterns of international trade, as well as developments in the technologies and competencies in transportation and logistics operations. Additionally, it will examine the prevailing international trade regulatory environment and its resultant impact on global logistical systems, facilities and processes. Special focus will also be given to the challenges and opportunities in the emerging international logistics environment.

## Learning outcomes

On successful completion of this course, you will be able to:

- Appraise and organise various integrated logistics services and operations within a global context.
- Examine the key challenges and levels of risk involved in international logistics to ensure its appropriate operations within a global context.
- Differentiate the nature and role of the key parties in a global logistics chain, and select the appropriate partners in a global business environment.
- Evaluate the characteristics of various transport modes and their appropriate use in international logistics operations.
- Apply international logistics knowledge and practices in international trade operations.



# Supply Chain Sustainability

## Course overview

One method for achieving sustainable growth is to increase the amount of product materials recovered from the world's waste stream. On the one hand, environmental-related legislations are forcing companies to be responsible for their waste, and on the other hand, waste disposal costs are increasing rapidly. Considering this evolving business environment, many world-class companies have realised that reverse logistics practices combined with source reduction processes can be used to gain a competitive advantage. The focus of this course is on the relationship between supply chain planning and environmental impact. It introduces you to the basic concepts of sustainability, reverse and lean logistics practices including reuse, recycling and remanufacturing, and green supply practices. It discusses the role of regulations concerning product take-back policies, life cycle assessments, corporate social responsibility (CSR) and international environmental standards such as ISO 14000 and explores the impact of legislation and policies on supply chain practices and reverse logistics network design. The course is of particular value to students majoring in logistics and supply chain, procurement, marketing and sustainability management.

## Learning outcomes

On successful completion of this course, you will be able to:

- Discuss the concepts and principles that underlie sustainability in supply chains, reverse logistics and the environment, especially with regard to the management of recycling and closed-loop manufacturing, and logistics systems.
- Analyse the impact of logistics and supply chain on the environment and appreciate the importance of reverse logistics and environmental and waste management issues in logistics and supply chain from the strategic perspective.
- Determine the performance measures necessary to capture sustainable supply chain practices.
- Explain and apply the environmental assessment methods and tools, and international environmental standards, such as ISO 14001 and ISO 26000, in supply chains.
- Interrelate the life cycle assessment methods and tools with strategic decision-making regarding environment.



# Business Research Design

## Course overview

This course is designed to equip students with a problem-solving approach that can be used to tackle wicked problems within contemporary business environments. Solutions are then framed within a business model framework and pitched to peers and industry partners. You will identify assumptions within their business model and develop a research proposal that will address a fundamental inherent assumption within their model. The research proposal will turn the assumption into a research question, identify the appropriate ontology, epistemology, method and methodology to address that question.

This course includes a Work Integrated Learning (WIL) experience in which your knowledge and skills will be applied and assessed in a real or simulated workplace context, and where feedback from industry is integral to your experience.

## Learning outcomes

On successful completion of this course, you will be able to:

- Critically evaluate the broad range of research designs applicable to exploration of complex and ambiguous business problems.
- Identify and synthesise research designs to explore relevant aspects of a complex and ambiguous business problem.
- Critically evaluate and synthesise options for innovative business research design.
- Effectively communicate advanced and integrated research designs to professional target audiences.



# e-Business Supply Chains

## Course overview

This course introduces you to the significance of e-supply chain in business logistics. It provides you with the necessary concepts and techniques in e-supply chain design and implementation from a managerial perspective. Various technologies in the field will be discussed from the perspective of availability of tools. The course also emphasises the use of case studies to illustrate the concept and approach to e-supply chain design and implementation.

## Learning outcomes

On successful completion of this course, you will be able to:

- Critically assess various e-supply chain business models to improve supply chain performance and competitiveness for an organisation.
- Critically evaluate various digital technologies that support e-business and supply chain operations.
- Analyse e-business implementation approaches/considerations/strategies to enhance upstream and downstream supply chain integration.
- Evaluate and recommend appropriate digital technologies that contribute to improvement in supply chain practices and business decision-making.





# Managing Supply Contracts

## Course overview

This course is designed to provide you with the knowledge and skills necessary to successfully work in a global business context. It will enable you to negotiate, establish and effectively manage complex contractual relationships within contemporary global supply chains. It is premised on growing complexity in supply chains, driven by the globalisation of business and the associated outsourcing of production. These developments have created an environment replete with challenges, as well as opportunities for supply contract managers.

Through a series of activities, including literature reviews, case study analyses, classroom/online lectures, industry guest talks, workshops and seminars, you will develop an in-depth understanding of the different frameworks, systems and processes for contract creation and management, as well as the skills for anticipating and avoiding contractual risks.

## Learning outcomes

On successful completion of this course, you will be able to:

- Critically evaluate the impact of the growing complexity of global business on supply contract relations.
- Discuss and apply the contractual frameworks and theories commonly used in supply relations.
- Critically analyse different supply contract disputes and suggest effective resolutions.
- Explain and apply the basic principles of the law of contracts in the formation of supply agreements.
- Compare and contrast different supply contract frameworks, systems and processes between different organisations.
- Discuss the different types of contracts and assess their role and application.



# Strategic Procurement Management

## Course overview

This course provides concepts, theories, skills and processes related to strategic procurement management that an organisation requires in order to procure goods and services.

These processes include activities such as supplier selection, supplier relationship management, pricing and terms negotiation, supplier performance management and other strategic issues.

This course provides you with a capstone experience, which will give you the opportunity to integrate, critically reflect on and consolidate what you have learnt in your program.

## Learning outcomes

On successful completion of this course, you will be able to:

- Develop, evaluate and implement procurement strategies that align with the overall competitive strategy of an organisation.
- Critically assess how procurement strategies enhance sustainable competitive advantage in the context of global supply chains.
- Evaluate the impact of various supplier relationships on strategic procurement outcomes.
- Critically assess the role of e-procurement and other technologies in achieving strategic procurement outcomes.
- Critically evaluate supply risks and develop mitigation strategies through supply base management approaches.

# Where we rank

As one of Australia's original tertiary institutions, RMIT University prides itself on being a world leader in education, earning its international reputation for creating exceptional, employable and highly skilled graduates.

3

3<sup>rd</sup> globally in the Times Higher Education Impact Rankings

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1

1<sup>st</sup> in Australia for graduate employment rate\*

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15

In the top 15 universities in Australia\*

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10

Top 10 in Australia for employer reputation\*

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\*2021-22 QS World University Rankings

## Further information

 [studyonline.rmit.edu.au](https://studyonline.rmit.edu.au)

 Call 1300 701 171

Book a 15-minute chat today

Every effort has been made to ensure the information contained in this publication is accurate and current at the date of publishing. For the most up-to-date information, please refer to the RMIT University website before submitting your application.

Prepared November 2022.

RMIT University CRICOS  
Provider Code: 00122A

RMIT Registered Training  
Organisation code: 3046