

About the University of Melbourne

The University of Melbourne is among the oldest and largest universities in Australia. It is a research intensive, comprehensive institution with a strong postgraduate commitment. It aims to be one of the finest universities in the world - a proud institution of higher learning producing graduates, scholarships and research that matters to the nation and beyond.

About the Graduate School of Business and Economics

The Graduate School of Business and Economics is a leading provider of graduate business education, offering a wide range of specialist programs and exceptional opportunities for students. The Master of Supply Chain Management is a new course developed to support the needs of industry and future leaders.

About Melbourne Consulting and Custom Programs

Melbourne Consulting and Custom Programs is part of the Commercialisation group of the University of Melbourne. Its role is to develop and deliver demand driven consulting services, and custom award and non award education programs. Academic capacity for this particular program is provided by the Graduate School of Business and Economics.

More Information

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For further information please go to our website

www.mccp.unimelb.edu.au/supplychainmanagement

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DISCLAIMER

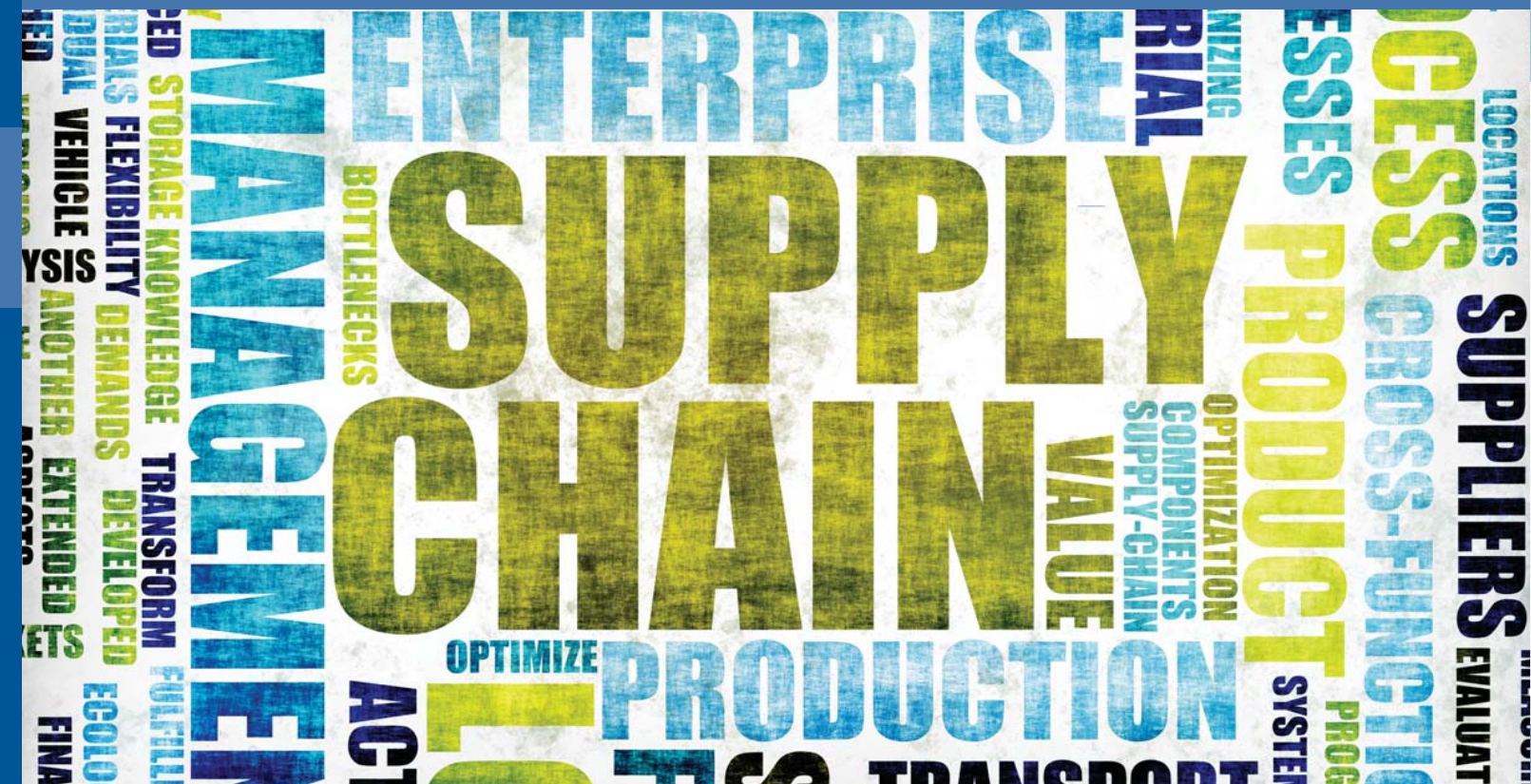
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Master of Supply Chain Management

Graduate School of Business and Economics



"Our industry needs post graduate degrees in supply chain management in order to keep them and the people who undertake them competitive in our global markets. I particularly like the in-company projects that are built into all the subjects in this program."

Paul Little, Managing Director, Toll Holdings

"It is my view that the Masters of SCM will be most welcome when it is introduced later this year. Those with a few years of work experience should find the course to be of particular interest and benefit."

Peter Gunn, Managing Director, PGA Group

"I endorse the University of Melbourne in providing an industry tailored Masters course. Participants complete assignments relating to their workplace, and for the companies concerned it provides great exposure to the latest concepts and enormous benefits to their logistics chain."

Ivan Backman, Chair of the Australian Logistics Council

ACCREDITED BY

THE
CHARTERED INSTITUTE OF
PURCHASING & SUPPLY®



This course has been accredited to MCIPS standard with The Chartered Institute of Purchasing & Supply.



THE UNIVERSITY OF
MELBOURNE

Course Overview

Developing Leadership and Innovation in Supply Chain Management

This innovative program draws on industry expertise, emphasising a strategic approach to Supply Chain Management. Designed for senior professionals, the program is delivered in intensive format and:

- focuses on global best practice
- links supply chain with general management
- applies theory to practice based projects
- makes extensive use of "real life" case studies

COURSE STRUCTURE AND DELIVERY MODE

The program will be delivered in intensive one-week blocks. This delivery mode enables participants from outside Melbourne and Victoria to fly in for each delivery and accommodates those who have regular interstate and overseas work commitments. There are eight subjects taught across 4 week blocks:

- Operations and General Management
- Foundations of Supply Chain Management
- E-business and Supply Chain Information
- Decision Analysis and Project Management
- Supply Chain Analysis
- Procurement and Logistics
- Emerging Topics in Supply Chain Management
- Supply Chain Strategy

Each subject comprises:

- 20 hours of classroom contact during an intensive week-long session
- Assessment, including an assignment and a workplace field project. The workplace project typically requires that students have access to live data and that they are therefore sponsored by their employer.

WHO SHOULD DO THE COURSE?

The course is designed for:

- current and future managers and leaders working in supply chain management or related functions
- representatives from a variety of sectors, for example:
 - Automotive / Manufacturing
 - Food / Beverages
 - Mining / Resources
 - Retail / Wholesale
 - Transport / Logistics
 - Government
 - Software providers

ENTRY REQUIREMENTS

Entry to the Master of Supply Chain Management is via the following academic and / or professional pathways:

- Undergraduate honours degree or equivalent qualification; or
- Undergraduate degree or equivalent qualification, plus at least two years professional work experience; or
- 10 years professional experience which demonstrates the capacity to successfully undertake the course.

COMMENCEMENT DATES

Successful applicants can join the program at any one of the four stages throughout the year.

FEES

2010 fees for the Masters program will be A\$3,250 per subject (GST is not applicable). Fees are subject to an annual increase.

AWARD OPTION

Students have the option of enrolling in the Master program, which comprises 8 subjects, or the Postgraduate Certificate in Supply Chain Management, which comprises 3 core subjects and 1 elective.

Subject Overview

OPERATIONS AND GENERAL MANAGEMENT

This subject covers the key concepts of the field of operations management, and its role and contribution to supply chain management and general management. Topics include operations strategy, operations focus, order-winners/ qualifiers, operations based competitiveness, and the relationship between operational capabilities, market requirements and overall business strategy. It also includes key topics in capacity management, technology strategy, facilities location and design, process choice and quality management factors. Management of people in supply chains will be included.

FOUNDATIONS OF SUPPLY CHAIN MANAGEMENT

This subject is aimed at developing an advanced understanding of the principles, concepts and approaches employed in the management of supply chains between industrial, commercial, and governmental organisations. It includes the management of materials and information in supply relationships. It also includes cost-savings, time-to-market, new product development, and consideration of supply management in these and other strategic contexts. Strategic issues relevant to the management of supply chains are covered, including management of trading partner relationships, use of information technology, configuration of logistics networks and managing international supply chains.

E-BUSINESS & SUPPLY CHAIN INFORMATION

The supply chain within an industry or company involves the configuration and operation of the fulfilment processes of orders placed within the operation(s). This subject will focus on the e-Business supply chains concepts supported by practical case studies. It examines the theoretical and practical application of the strategic, organisational, and technological dimensions of e-Business, taking in the organisation's business strategy, technical capability and human resource function in managing the supply chain, procurement, logistics, and distribution.

DECISION ANALYSIS AND PROJECT MANAGEMENT

This subject covers key frameworks for making complex business decisions and implementing them using the philosophy and techniques of project management. It specifically covers an in-depth study of decision trees and risk analysis, followed by decision implementation and organisation. Case studies relating to supply chain management will be used to develop applied knowledge of how to use these procedures to formulate and implement strategy in supply chains.

SUPPLY CHAIN ANALYSIS

This subject will introduce students to analytical tools that can be used to solve supply chain problems. These problems will relate to the major drivers of supply chain performance, these being location of facilities, levels of inventory, transportation networks and information exchanges. Typical examples of problems will include: designing the supply chain distribution network; planning demand and supply in a supply chain; and, planning and managing inventories in a supply chain. In the discussion of these tools, the managerial context in which they are used and the managerial levers for improvement that they support will be stressed.

PROCUREMENT AND LOGISTICS

This subject will cover both the concepts of the procurement, logistics and distribution functions, as well as the managerial challenges faced within each area. With respect to the procurement area, specific topics will include: make-or-buy decision (outsourcing); supplier selection processes and criteria; supplier relationships; supplier performance evaluation; strategic cost management; product design and sourcing strategy; e-sourcing (auctions vs. relationships); negotiation; global sourcing and compliance issues. For the logistics/distribution area, topics will include: transportation management; warehousing; materials handling; third-party logistics; forecasting and collaborative planning, global logistics; and, reverse logistics.

EMERGING TOPICS IN SCM

This subject will cover key and emerging topics in supply chain management. These include sustainable economic development, innovation management in SCM, globalisation impacts on SCM, sourcing from China and India, reverse logistics capabilities and needs, climate change impacts on SCM and new internet and other technological factor applications that impact on supply chains. Advanced readings and seminar discussions on these and other new and emerging topics will be used.

SUPPLY CHAIN STRATEGY

This subject is a capstone, bringing an integrative view of supply chain management and business competitiveness. Via primarily case studies, it will develop and illustrate key strategic supply chain concepts, such as design, operation and improvement strategies of supply chains. International case studies will be used to create a world view of best practices in SCM. This includes management of risk, prices, costs and service levels in SCM.

2010	Dates	Subject	Subject Leaders
	8 - 12 November 2010	E-Business and Supply Chain Information	Associate Professor Damien Power
Decision Analysis and Project Management		Professor Danny Samson	

2011	Dates	Subject	Subject Leaders
	7 - 11 February 2011	Supply Chain Analysis	Dr Prakash J. Singh
Procurement and Logistics		G Peter Dapiran	
9 - 13 May 2011	Emerging Topics in Supply Chain Management	Professor Danny Samson; Associate Professor Damien Power; Dr Prakash J. Singh	
	Supply Chain Strategy	Professor Danny Samson; Associate Professor Damien Power; Dr Prakash J. Singh	
25 - 29 July 2011	Operations and General Management	Professor Danny Samson	
	Foundations of Supply Management	Associate Professor Damien Power	
10 - 14 October 2011	E-Business and Supply Chain Information	Associate Professor Damien Power	
	Decision Analysis and Project Management	Professor Danny Samson	

Core Delivery Team

Professor Danny Samson

Danny Samson is Professor of Management at The University of Melbourne, and specialises in issues to do with operations and supply chain strategy and effectiveness.

Associate Professor Damien Power

Dr Damien Power is Associate Professor of Operations Management in the Department of Management and Marketing at The University of Melbourne.

G Peter Dapiran

Peter is Senior Fellow, The University of Melbourne where he coordinates and teaches post-graduate programs on sustainable supply chain management and operations management.

Dr Prakash J. Singh

Dr Prakash J. Singh is a Senior Lecturer with the Department of Management and Marketing at the University of Melbourne.