

Our Supply Chain Innovation program

Australian Graduate School of Entrepreneurship

swinburne.edu.au/agse



Be the cutting edge

In 2001, Swinburne University of Technology founded the Australian Graduate School of Entrepreneurship (AGSE). This makes us Australia's first dedicated entrepreneurship school. We see disruption as an opportunity. And that's the mindset we teach.

Get exclusive access to Swinburne's vibrant entrepreneurship community, which includes the Innovation Precinct, and take advantage of its workshops, masterclasses and Accelerator Program – kickstart your business idea while you study!

Building on Swinburne's longstanding practice of real-world leadership, the curriculum in each AGSE degree is co-created with industry leaders. On top of that, you'll get the best of two worlds: industry practitioners, known as pracademics, teaching alongside Swinburne academics.

The practical application of your learning experience is further emphasised with industry speakers, on-site events, real-life case studies, and guest lecturers from industry and academia.

You'll be building new networks from your first day.



**#1
MELB**

We rank #1 in Melbourne for overall Quality of Educational Experience in postgraduate Business Management*

**TOP
5%**

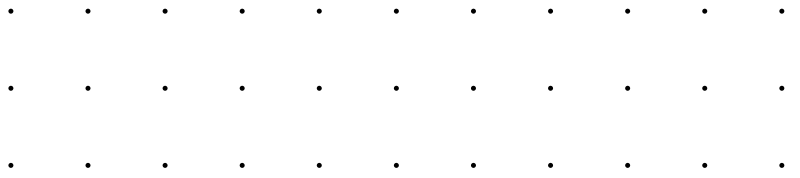
Accreditation from the AACSB puts the Swinburne School of Business, Law and Entrepreneurship in the top 5% of business schools worldwide.

**RANKED
#45**

Swinburne is ranked #45 in the world in the 'Top 50 Under 50' QS World University Rankings#

* QILT: Course Experience Questionnaire 2019–2020
QS Top 50 Under 50 2019





Master of Supply Chain Innovation

With the Internet of Things and Amazon delivery drones on the cusp of becoming a part of everyday life, organisations are under pressure to change the way they make, move, store and pay for future products and services, while still aligning with suppliers and manufacturers to deliver seamless experiences to customers globally.

This is your opportunity to grow and sustain business by innovating next-generation supply chains. Learn to strategically maximise efficiency by including emerging technologies in your toolkit, along with design thinking, lean management and a strong grasp of business analytics.

This course is also embedded with industry credentials. If you complete the Supply Chain Management unit, you are eligible for the GS1 Academic Certificate. On top of that, the Vative Lean Six Sigma Green Belt certification is part of your core units. That's an edge you'll have over others with similar ambitions.

Who you are

You're an early career professional or mid-level executive wanting to advance into a senior role where you'll be driving change and designing the supply chains others haven't imagined yet.

Where it can take you

With your advanced knowledge and skills, you could lead your organisation in optimising or innovating supply chain performance in just about any industry, from manufacturing, transport and retail to energy, agriculture and defence.

Entry requirements

Complete in 2 years, full time or equivalent part-time, if you have

- Any recognised bachelor degree (or higher award). If you have additional qualifications, you may receive Advanced Standing and complete in less than two years, or
- Finished Postgraduate Qualifying Program (international applicants only).

Complete in 1.5 years, full time or equivalent part-time, if you have

- A bachelor degree or graduate certificate in a related discipline, or
- A bachelor degree (or higher award) in any discipline plus two years' work experience, or
- Finished Postgraduate Qualifying Program (international applicants only) plus two years' work experience or two years' of higher education.

Complete in 1 year, full time or equivalent part-time, if you have

- Finished Graduate Certificate of Supply Chain Innovation, or
- An honours bachelor degree in a related discipline.

Course duration

Course duration depends on prior study and experience: 2 years (16 units); 1.5 years (12 units); 1 year (8 units) full-time or equivalent.

Course structure

Foundation units

You must complete all 4 foundation units from the list below.

INF60007 Business Information Systems

MGT60042 Business Sustainability and Social Impact

MGT60043 Future Management Skills

SCM60001 Operations Management

Core units

You must complete all 8 core units from the list below.

ENT60009 Opportunity Discovery, Creativity and Design

INF70008 Business Analytics and Visualisation

INF80051 Artificial Intelligence and Insights

PRM60002 Project Management for Innovative Outcomes

SCM60002 Six Sigma Lean Green Belt

SCM60003 Supply Chain Management

SCM60004 Logistics Management

SCM80002 Innovative Supply Chain Technologies

Specialisation or elective units

You must also complete 50 credit points (mostly 4 units) as your specialisation, or as their electives. There are almost 80 elective units to choose from.





Dr Roberto Chavez Clavijo
Course Director

“To compete, today’s businesses need to have cost-efficient, reliable, sustainable and resilient supply chains, and the necessary expertise to manage them effectively.

The Master of Supply Chain Innovation uniquely combines key elements of supply chain and logistics management, design thinking, data analytics, artificial intelligence (AI) and lean management. It has a strong focus on business improvement and the ability to deal with complex challenges, at a time when we have also witnessed how unforeseen events can severely disrupt domestic and global trade. Further, the course design allows the choice of electives to complete a specialisation in areas such as project management, international business and business analytics.

Real world problem-solving and authentic workplace learning with industry professionals, balance the academic rigour that underpins this globally recognised qualification. The course combines theoretical understanding with industry insights and applied projects. Course units are co-created and, in some cases, co-delivered with leading industry partners – such as CEVA logistics, Tableau and IBM. You will further have an opportunity to earn valuable external awards and accreditations, such as the GS1 Academic Certificate, and Lean Six Sigma Green Belt.”

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Industry partners



Other course in the suite

Graduate Certificate of Supply Chain Innovation [Bootcamp]

6 months full-time or 1 year part-time; all four units listed below. This course is delivered in Bootcamp mode – an intensive delivery to fast-track your learning.

ENT60009 Opportunity Discovery, Creativity and Design

SCM60003 Supply Chain Management

SCM60004 Logistics Management

SCM60002 Six Sigma Lean Green Belt

Master of Supply Chain Innovation

Specialisations

You may choose one of the below specialisations or alternatively choose the electives of your choice. The specialisation will be noted on your transcript but won't appear on your testamur.

Accounting

The accounting specialisation is critical for professionals with C-suite responsibilities or who provide budgetary and financial advice to clients and/or senior management. Complete the core unit and select any three from the remaining list of units.

ACC60008 Accounting Systems and Reporting (core unit)

ACC80003 Company Auditing

ACC80008 Managerial Accounting

ACC80012 Taxation Principles and Planning

ACC80019 Financial Accounting and Theory

ECO80001 Economics

FIN60003 Business Modelling and Analysis

Business Analytics

Choose four units to learn about business analytics and data visualisation, social media and mobile-based applications, predictive analytics, AI, Big Data, Internet of Things and more.

INF70008 Business Analytics and Visualisation

INF60012 Cloud Enterprise Systems and Analytics

INF60013 Mobile Business and Social Media

INF80005 Business Information Systems Internship Project

INF80031 Applied Business Analytics and Data Visualisation

INF80040 Predictive Analytics

INF80051 Artificial Intelligence and Insights

Business Information Systems

Analyse and articulate how technology can be used to assist business and decision-making processes. Complete the core unit and select any three from the remaining units.

INF60007 Business Information Systems (core unit)

INF70005 Strategic Project Management

INF70008 Business Analytics and Visualisation

INF80014 Contemporary Issues in Business Analysis

INF80042 Governing Technology for Business Environments

Digital Marketing

Select any four of the following units.

MKT60011 Data Empowered Marketing

MKT60012 Consumer Behaviour

MKT70017 Global Digital Marketing

MKT70019 Branding and Creative Innovation

MKT80015 Marketing Communications Agency

Entrepreneurship and Innovation

Develop an entrepreneurial mindset and specialist skills needed to lead and manage the process of innovation, business startups, and high growth through rapid change. Complete the core unit and select any three from the remaining list of units.

ENT60009 Opportunity Discovery, Creativity and Design (core unit)

ENT70012 Growth Management

ENT70018 Entrepreneurial Mindset, New Ventures and Innovation

ENT70019 Venture Planning

PRM60001 Project Management in Entrepreneurial Ventures

Finance

Complete the core unit and select any three from the remaining list of units.

FIN80005 Corporate Financial Management (core unit)

FIN60003 Business Modelling and Analysis

FIN60010 Elements of Financial Planning and Regulation

FIN80001 Modern Finance

FIN80004 Capital Markets

FIN80018 Derivatives and Risk Management

Financial Technologies

Co-created with Banxa, Bendigo Bank, IBM Research Australia and Tableau, this specialisation prepares you to thrive in a financial services world of innovation, change and transformation. Complete the core unit and select any three from the remaining list of units.

FIN60006 Frontiers in FinTech (core unit)

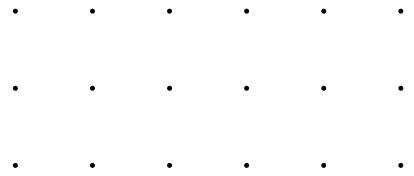
CYB60003 Cybersecurity Law, Policy and Ethics

INF70008 Business Analytics and Visualisation

INF80050 Blockchain: Business Models and Applications

INF80051 Artificial Intelligence and Insights

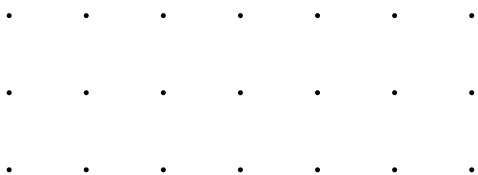
Master of Supply Chain Innovation Specialisations



Human Resource Management

Complete the core unit and select any three from the remaining list of units.

- HRM60013 Employee Relations
- HRM60018 Human Resource Fundamentals (core unit)
- HRM70006 Strategic HRM in the Business Context
- HRM70012 Managing Workplace Diversity and Inclusion
- HRM70013 Strategic Human Resource Management
- HRM80015 Human Capital Analytics



International Business

Students may have the opportunity to select a Business Innovation study tour to Europe, Asia or America, or add an international internship to their studies. Students must select up to four units. NOTE: some units are equal to 25cps.

- BUS70013 Business Innovation in Europe Study Tour
- BUS70014 Business Innovation in America Study Tour
- BUS70015 Business Innovation in Asia Study Tour
- HRM70012 Managing Workplace Diversity and Inclusion
- INB60003 International Trade and Investment
- INB60004 Global Business Cultures: Advanced Theories and Practices
- MFP80002 International Internship
- MFP80004 International Internship – Extended
- SCM60003 Supply Chain Management

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Project Management

Students to complete the core unit and then select any three from the remaining list of units.

INF70005	Strategic Project Management (core unit)
PRM60002	Project Management for Innovative Outcomes
PRM60003	The Risk Management Spectrum
PRM70002	Leading Complex Projects
PRM80002	Project Governance and Resource Management
SCM60001	Operations Management

Research

Conduct practical research in a business area of interest to you. Complete the core units and select one additional unit.

BUS80003	Research Methodology (core unit)
BUS80021	Business Research Thesis (25 credit points) (core unit)
BUS80017	Quantitative Research Methods
BUS80018	Qualitative Research Methods
ECO80002	Advanced Microenometrics
ECO80003	Economics of Innovation
INF80054	Data Science Fundamentals
INF80055	Social Network Analysis

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"I loved both of my applied project units. The first was Coca-Cola Amatil, and the second CEVA Logistics. I was exposed to real challenges the companies face. They provided so much information (site visit, selection of challenges, data) and mentoring meetings. They also introduced us to key professionals. With both projects, I was able to apply all the knowledge, methodologies and tools I learned along the course. And in the end, I felt very proud to be able to contribute to these companies."

Vanessa Rudnick
Master of Supply Chain Innovation



CAMPUSES

Hawthorn campus

John Street, Hawthorn

Croydon campus

12-50 Norton Road, Croydon


Wantirna campus


Stud Road, Wantirna

Sarawak campus


Kuching, Sarawak, Malaysia

FURTHER INFORMATION

 1300 275 794

 study@swinburne.edu.au


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PLEASE
RECYCLE

The information provided here was correct at the time of printing (November 2021).
For the most up-to-date information, please visit swinburne.edu.au