



# Our Business Information Systems program

Australian Graduate School of Entrepreneurship

[swinburne.edu.au/agse](http://swinburne.edu.au/agse)

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# 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.**



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**#1  
MELB**

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

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**TOP  
5%**

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

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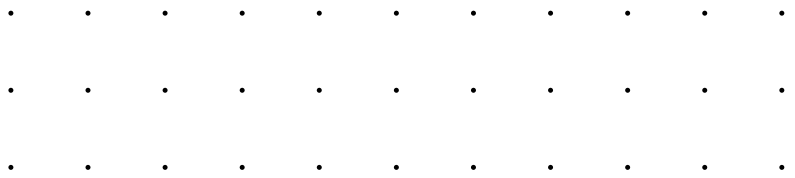
**RANKED  
#45**

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

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





# Master of Business Information Systems

Swinburne's Business Information Systems courses deliver a high-quality program designed to meet the current industry needs. Highly experienced staff will offer you content readily applicable in the workforce: everything from business analysis to database design. To make sure you get the best, our core program is aligned with the standards of International Institute of Business Analysis (IIBA) and Australian Computer Society (ACS).

An attractive suite of specialisations allows you to tailor the degree to your professional experience, or desired career. Our students, who come from many parts of the world, have gone on to have very successful careers. This is our course: highly relevant content and excellent staff.

## Who you are

If there's one thing you know, it's what's beneath the surface that counts. And you're ready to apply this philosophy to organisations large and small through the technology and information systems on which their smooth operation depends. Because you invite technological change and adapt it to your advantage, few careers are as natural a fit as one in business information systems.

## Where it can take you

A Swinburne postgraduate qualification in business information systems provides not only the theory to embark on a satisfying career across a range of industries; it provides real-world exposure to industry professionals, many instances of which have led to ongoing employment. Your newfound tech expertise and business sensibilities will make you an ideal candidate for a diverse range of positions in the field.

## 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 Business Information Systems, 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.

|          |                                      |
|----------|--------------------------------------|
| ICT80008 | Professional Issues in IT            |
| INF60007 | Business Information Systems         |
| INF60009 | Database Analysis and Design         |
| INF60010 | Requirements, Analysis and Modelling |

### Core units

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

|          |  |
|----------|--|
| INF70005 | Strategic Project Management                   |
| INF70008 | Business Analytics and Visualisation           |
| INF80001 | Advanced Business Analysis                     |
| INF80003 | IS/IT Research Project                         |
| INF80006 | Business Analysis Practice                     |
| INF80014 | Contemporary Issues in Business Analysis       |
| INF80028 | Business Process Management                    |
| INF80042 | Governing Technology for Business Environments |

### Specialisation or elective units

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





# Master of Business Information Systems

## 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.

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ACC60008 Accounting Systems and Reporting (core unit)

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ACC80003 Company Auditing

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ACC80008 Managerial Accounting

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ACC80012 Taxation Principles and Planning

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ACC80019 Financial Accounting and Theory

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ECO80001 Economics

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FIN60003 Business Modelling and Analysis

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### 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.

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INF70008 Business Analytics and Visualisation

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INF60012 Cloud Enterprise Systems and Analytics

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INF60013 Mobile Business and Social Media

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INF80005 Business Information Systems Internship Project

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INF80031 Applied Business Analytics and Data Visualisation

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INF80040 Predictive Analytics

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INF80051 Artificial Intelligence and Insights

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### Digital Marketing

Select any four of the following units.

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MKT60011 Data Empowered Marketing

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MKT60012 Consumer Behaviour

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MKT70017 Global Digital Marketing

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MKT70019 Branding and Creative Innovation

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MKT80015 Marketing Communications Agency

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### 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.

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ENT60009 Opportunity Discovery, Creativity and Design (core unit)

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ENT70012 Growth Management

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ENT70018 Entrepreneurial Mindset, New Ventures and Innovation

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ENT70019 Venture Planning

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PRM60001 Project Management in Entrepreneurial Ventures

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### Finance

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

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FIN80005 Corporate Financial Management (core unit)

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FIN60003 Business Modelling and Analysis

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FIN60010 Elements of Financial Planning and Regulation

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FIN80001 Modern Finance

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FIN80004 Capital Markets

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FIN80018 Derivatives and Risk Management

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### 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.

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FIN60006 Frontiers in FinTech (core unit)

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CYB60003 Cybersecurity Law, Policy and Ethics

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INF70008 Business Analytics and Visualisation

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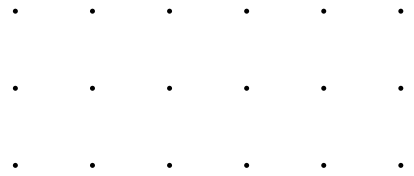
INF80050 Blockchain: Business Models and Applications

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INF80051 Artificial Intelligence and Insights

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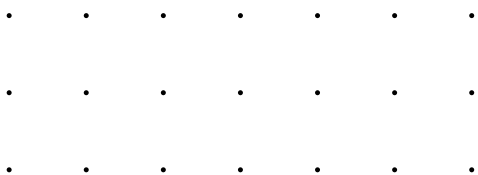
# Master of Business Information Systems Specialisations



## Human Resource Management

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

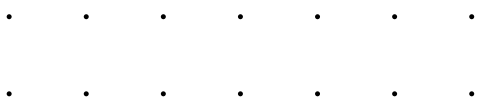
- HRM60013 Employee Relations
- HRM60018 Human Resource Fundamentals (core unit)
- HRM70006 Strategic HRM in the Business Context
- HRM70012 Managing Workplace Diversity and Inclusion
- HRM70013 Strategic Human Resource Management
- HRM80015 Human Capital Analytics



## 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 Microeconomics
- ECO80003 Economics of Innovation
- INF80054 Data Science Fundamentals
- INF80055 Social Network Analysis

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“All the units in my course had a practical aspect, so we were guided to conduct projects with real-world, industry-based case studies while interacting with industry professionals most of the time. The industry-based guest lectures were always the number one highlight of the course when it came to networking with industry professionals. By the time I graduated, I already had a very supportive network of professionals and industry mentors, and was fortunate to secure a full-time role following my internship. The core units laid a great foundation for me to understand the concepts and thrive.”

### Supply Chain Innovation

This specialisation uniquely combines supply chain management, design thinking and data analytics. Plus, you could add a Lean Six Sigma Green Belt to your qualifications. Most units are co-created and, in some cases, co-delivered with industry partners. Choose four units.

- INF70008 Business Analytics and Visualisation
- SCM60002 Six Sigma Lean Green Belt
- SCM60003 Supply Chain Management
- SCM60004 Logistics Management
- PRM60002 Project Management for Innovative Outcomes
- SCM60001 Operations Management

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Ishadi Upeksha Meekotuwa Mirispelakotuwa

Master of Business Information Systems



## 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

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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](http://swinburne.edu.au)