

Our Business Information Systems 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 Studio, 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 satisfaction with the staff to student interaction in postgraduate programs*

**TOP
5%**

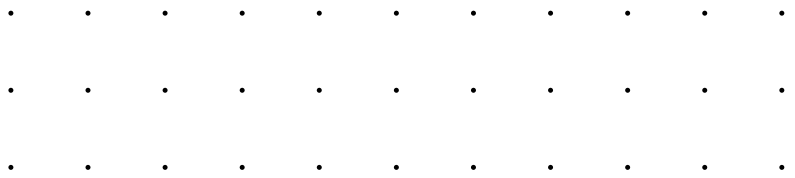
Accreditation from the AACSB puts the Swinburne School of Business, Law and Entrepreneurship in the top 5% of business schools worldwide.

**RANKED
#43**

Swinburne is ranked #43 in the world in the Times Higher Education (THE) Young University Rankings#

* QILT: Student Experience Survey 2020 and 2021
Times Higher Education Young University Ranking 2023





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. Postgraduate internship opportunities are also available as an elective.





Dr Alireza Moayedikia
Course Director

“The Master of Business Information Systems is a great opportunity to understand how various technologies and analytical techniques can be used to exploit business data to understand clients and make better business decisions.

The environment in which business operates has never been more complex. Graduates confidently navigate through this complexity as bridge builders optimising synergies between technology, business processes and operational and strategic needs. It’s rewarding to see our students quickly develop into analytical systems thinkers through real-world industry exposure in this degree and being cognisant of their responsibilities as ethical technology professionals.”

-
-
-
-
-
-
-
-
-
-
-
-
-
-
-
-
-
-
-
-

Professional accreditations



Industry partner



Other course in the suite

Graduate Certificate of Business Information Systems*

6 months, full-time or equivalent part-time; all four units listed below.

INF70005	Strategic Project Management
INF70008	Business Analytics and Visualisation
INF80014	Contemporary Issues in Business Analysis
INF80042	Governing Technology for Business Environments

*Does not fall under AACSB Accreditation

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.

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

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

Select any four of the following units.

FIN80005 Corporate Financial Management

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, Imaan, Judo Bank 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.

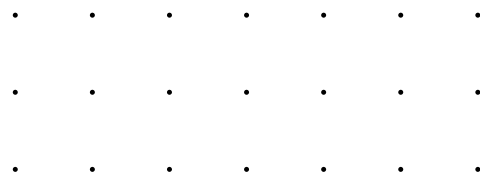
FIN60006 Frontiers in FinTech (core unit)

CYB60003 Cybersecurity Law, Policy and Ethics

INF70008 Business Analytics and Visualisation

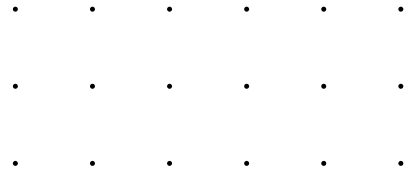
INF80050 Blockchain: Business Models and Applications

INF80051 Artificial Intelligence and Insights



Master of Business Information Systems

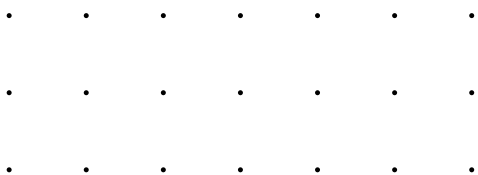
Specialisations



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

- • • • • • • • • • • • • • • •
- • • • • • • • • • • • • • • •
- • • • • • • • • • • • • • • •

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

- •
- •
- •
- •
- •
- •
- •
- •
- •
- •
- •
- •

“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

- • • •
- • • •
- • • •

Ishadi Upeksha Meekotuwa
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

 study@swinburne.edu.au


 swinburne.edu.au/agse

 facebook.com/swinburneuniversityoftechnology

 twitter.com/swinburne

 instagram.com/swinburne

 youtube.com/swinburne

 [Swinburne Australian Graduate School of Entrepreneurship](#)



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