

Swinburne University of Technology Degree Guide

Bachelor of Business Information Systems





You belong at university

With this guide, you can make it happen.

You've always known study can open doors, but you weren't quite sure how to take the first step. Now you've done exactly that, taking a momentous leap towards unlocking your true potential. With this guide in hand, you hold the key to your ultimate future — with Open Universities Australia by your side.

Our goal? To help you realise yours. Our student advisors can:

Help you decide whether this course is 'the one'!

With knowledge across leading Australian universities and thousands of courses, our student advisors can help you compare the cost, content and outcome of this course with others.

Assist with navigating study load and enrolment.

By listening to you discuss your current lifestyle, we'll help you consider the right amount of study to begin with. When you're ready to enrol, we'll also assist with compiling and uploading documents.

Work through your funding options.

We're here to help you understand course fees, student loans and study allowances so that you can get financial assistance if you're eligible.

Get started now.

Book a consultation to get tailored advice when it suits you, at no cost.

open.edu.au/contact-us/book-consultation



About Open Universities Australia

We're a not-for-profit that's been dedicated to helping students access education for over 30 years — no matter your location or study experience.

Our knowledge spans thousands of courses with leading Australian universities — this course guide represents just one of them.

Together, we've got this.

Bachelor of Business Information Systems

Snapshot

Course code

SWI-CIS-DEG-2018

Level

Undergraduate

Qualification

Bachelor Degree

Subjects

24

Provider

Swinburne University of Technology

Why choose this degree

Description

Students enrolled into the Bachelor of Business Information Systems can expect to gain technical and analytical skills as well as the ability to assess, evaluate, and communicate the key aspects of IS/IT as an enabler of modern organisations. The growing demand for IS professionals who can provide IS/IT expertise while showing an aptitude towards the organisational environment and the ability to communicate with the business users, means that graduates of this degree can enjoy career opportunities in the professional fields of business analysis, project management, or other fields where IS/IT-requisite skills and knowledge are highly valued. The degree also provides individuals with the requisite academic knowledge and skills to undertake further learning at higher levels such as Honours, Graduate Certificate, or Masters (by degreework) within the field of IS/IT and/or an area closely related to IS/IT.

Overview

Study the systems fundamentals of databases, programming, networking, human interaction, risk, security and strategy. Work as a business analyst, programmer, systems consultant or IT project manager and solve contemporary business problems.

What you'll learn

Students who successfully complete this degree will be able to:

1. Define and integrate theoretical principles applicable to information systems/information technology and apply those principles in a range of practices
2. Systematically review and critically evaluate research from a variety of sources in order to make informed judgements on options for innovatively solving a range of problems that arise in information systems/information technology contexts
3. Apply critical thinking, reflection and judgment in the selection and application of the appropriate IS/IT related concepts, frameworks and/or methods as part of the process to identify and propose solutions to organisational problems
4. Demonstrate an appreciation and understanding of the professional and ethical issues, dilemmas, and cultural sensitivities pertaining to an information systems/information technology professional in a range of environments
5. Communicate and articulate clear, coherent and independent exposition of knowledge and innovative ideas appropriate for the problem context, the stakeholders, and the organisational environment
6. Build on and continuously develop the intellectual independence to be critical and reflective learners, cognisant of new technologies and their implications to business and social environments
7. Work in a self-reliant, independent and responsible manner, show leadership and take initiative where appropriate, particularly in a collaborative and diverse team environment.

Career opportunities

This degree prepares students for careers as Information Systems professionals. Depending on electives chosen, direct career outcomes include entry-level roles as business analysts/programmers, systems consultants and junior project managers. With additional work experience, and professional development, subsequent careers may include roles such as Database Administrator (DBA), Chief Information Officer (CIO) and other senior management positions.

Degree structure details

Recommended study pattern

Follow the study pattern below, taking into account study period availabilities and subject pre-requisites:

- Complete the 8 core subjects
- Choose and complete 8 subjects in a major
- 8 subjects of other studies (co-major, minors or electives)

Please note: You cannot re-enrol into Swinburne subjects that you have already passed.

Absent Without Leave and Leave of Absence: How to apply for an approved leave of absence and minimise the risk of having to reapply for degree admission:

<http://www.swinburne.edu.au/open-universities-australia/current/AWOL-and-LOA.html>

Award requirements

To qualify for the Bachelor of Business Information Systems students must complete 24 subjects (300 credit points) comprising of:

- Eight (8) core Business Information Systems subjects of study (100 credit points)
- Eight (8) subjects of study from an Information Systems discipline major (100 credit points)
- PLUS Other studies (100 credit points) comprising: a second major from the business discipline (8 subjects); OR One co-major from another discipline (8 subjects); OR 1 to 2 minor/s, and/or single subject electives.

Regardless of any credit awarded within this degree, students must complete a minimum of 8 subjects of study with Swinburne University as part of this degree.

Subjects in this degree

Core Subjects Information Systems

Total number of subjects to complete: 8 units

Code	Title	Class start	Required
INF10003	Introduction to Business Information Systems		Yes
INF10002	Database Analysis and Design		Yes
ICT10013	Programming Concepts		Yes
INF20003	Requirements Analysis and Modelling		Yes
INF30029	Information Technology Project Management		Yes
ACC10007	Financial Information for Decision Making		Yes
ICT10001	Problem Solving with ICT		Yes
MGT10001	Introduction to Management ¹		Yes

1. Do NOT complete this subject if IBA111 offered by Griffith University has already been completed as they are equivalent.

Major in Business Analysis

Total number of subjects to complete: 8 units

Code	Title	Class start	Required
INF20012	Enterprise Systems		Yes

INF30003	Business Information Systems Analysis	Yes
INF30005	Business Process Management	Yes
ICT30005	Professional Issues in Information Technology	Yes
INF30018	Information Systems Management	Yes
INF30020	Information Systems Risk & Security	Yes
INF30027	Business Information Systems Industry Project	Yes
INF30030	Business Analytics	Yes

Major in Data Analytics

Total number of subjects to complete: 8 units

Code	Title	Class start	Required
INF30004	Business Intelligence and Data Visualisation		Yes
ICT30005	Professional Issues in Information Technology		Yes
INF30018	Information Systems Management		Yes
INF30020	Information Systems Risk & Security		Yes
INF30027	Business Information Systems Industry Project		Yes
INF20016	Big Data Management		Yes

INF30015	Knowledge Management and Analytics	Yes
INF30030	Business Analytics	Yes

Co-Major in Economics

Total number of subjects to complete: 8 units

Code	Title	Class start	Required
FIN10002	Financial Statistics ¹		Yes
ECO20004	Macroeconomic Policy		Yes
ECO20003	Managerial Economics and Strategy		Yes
ECO30002	Economic Policy in Society		Yes
ECO30003	Data Analysis and Econometrics		Yes
FIN30013	International Trade and Finance		Yes
ECO30001	Economic Development		Yes
ECO20001	Environmental Economics		Yes

1. Students wishing to do the Economics Major should use one of their available electives to do the subject Foundations of Statistics (STA10003) first as it is one of the mandatory prerequisites for this major.

Co-Major in Marketing

Total number of subjects to complete: 8 units

Co...	Title	Class...	Requir...
MKT10007	Fundamentals of Marketing		Yes
MKT20019	Marketing Research		Yes
MKT20021	Integrated Marketing Communication		Yes
MKT20025	Consumer Behaviour		Yes
MKT30015	Marketing and Communication Information and Decision Making		Yes
MKT30016	Marketing Strategy and Planning		Yes
MKT30017	Branding, Innovation and Design		Yes
MKT20023	Marketing Channel Design and Integration		No
MKT20024	Product and Service Innovation Management		No

Minor in Economics

Total number of subjects to complete: 7 units

Code	Title	Class start	Required
ECO20004	Macroeconomic Policy		Yes
ECO30001	Economic Development		Yes
ECO30002	Economic Policy in Society		Yes

ECO20003	Managerial Economics and Strategy	No
ECO20001	Environmental Economics	No
FIN20013	Banking Operations and Governance	No
FIN30013	International Trade and Finance	No

Minor in Internet Design

Total number of subjects to complete: 4 units

Code	Title	Class start	Required
DIG22	Internet Design Introduction		Yes
DIG24	Programming for Digital Design		Yes
DIG31	Web Authoring Design		Yes
DIG33	Internet Project Development		Yes

Minor in Marketing

Total number of subjects to complete: 4 units

Code	Title	Class start	Required
MKT10007	Fundamentals of Marketing		Yes
MKT20025	Consumer Behaviour		Yes

MKT20021	Integrated Marketing Communication	Yes
MKT30016	Marketing Strategy and Planning	Yes

Minor in Public Relations

Total number of subjects to complete: 4 units

Code	Title	Class start	Required
COM12	Business Communication		Yes
CMM127	Introduction to Public Relations		Yes
CMM220	Media Relations		No
CMM26	Media Law		No
COM21	Management Communication		No

Students working towards the Public Relations minor need only complete two of the following units: COM21, COM26, COM220.

Recommended IT Electives

Total number of subjects to complete: 6 units

Code	Title	Class start	Required
CPT120	Introduction to Programming		Yes
CPT121	Programming 1		Yes

CPT220	Programming in C	Yes
CPT223	Scripting Language Programming	Yes
CPT270	Web Programming	Yes
CPT323	Object-Oriented Programming in C++	Yes

Students interested in developing their programming skills may wish to study units from the list of recommended IT electives.

Entry requirements

Higher education

To view full Admission Criteria for the Bachelor of Business Information Systems, please [click here](#).

Students admitted to the degree with prior tertiary studies that satisfy part of the academic requirements of this degree may be eligible for academic credit.

The university may determine selection criteria and restrictions, in respect of degrees, to apply in addition to these entry requirements.

Please note: If you are not eligible for CSP you can still enrol and study through OUA as a full fee paying student via FEE-HELP or upfront payments. Please refer to the [Swinburne University of Technology](#) website for more information.

Higher education via OUA

- Successful completion of 2 subjects from the Business Pathway; OR
- Successful completion of 2 subjects from the Bachelor of Business Information Systems Core or Majors

Secondary education

Successful completion of the Victorian Certificate of Education (VCE) or its equivalent, such as an interstate or international Year 12 qualification. VCE prerequisites: Subjects 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL); Expected 2018 ATAR: **60**.

VET studies

Completion or partial completion of an approved tertiary qualification (including a Certificate IV, Diplomas, Advanced Diplomas, Associate Degrees and Degrees). Additional performance criteria and prerequisite requirements may also apply.

Please note, that the partial completion requirement does not apply to a Certificate IV.

English proficiency requirements

English language requirements: (International students only)

IELTS (Academic Module): Overall 6.0 with no individual band below 6.0; or Swinburne English Language Centre: EAP 5 Advanced level with overall 65% and all skills 65% or above; or TOEFL iBT: minimum score 75 (Reading no less than 18, Writing no less than 20) or equivalent measures available at <http://www.swinburne.edu.au/study/international/apply/entry-requirements/>

Recognition of previous work or study

Advanced Standing

Students who are considering enrolling into a Swinburne undergraduate degree may apply for academic credit of up to sixteen [16] subjects based on prior credentialed or non-credentialed learning. Students wishing to apply for credit (referred to as 'exemptions') can do so on the basis of:

- **Credentialed Learning** - previous formal post-secondary studies taken at another educational institution or in another sector or in another degree or
- **Non-credentialed Learning** - Recognition of Prior Learning (RPL) in recognition of skills and knowledge gained through work experience and/or formal training or a combination of both.

Broad Conditions

- Study older than 10 years may need to be approved by an Academic Assessor.
- Students must complete at least eight [8] Swinburne undergraduate subjects to be eligible to graduate with a Swinburne undergraduate award.

For information on how to apply for credit please refer to Swinburne's website at <http://www.swinburne.edu.au/open-universities-australia/advanced-standing-rpl.html>

Study method requirements

Registering in this course

Students should register with Swinburne University of Technology for the degree by completing a Degree Registration form. The Degree Registration form can be downloaded from [Swinburne's Open Universities Australia site](#).

Let's get enrolled. Together.

Your step-by-step guide

Whether you'd like to enrol on your own, or be guided by a student advisor over the phone, we're here to help.

Simply follow the steps that appeal to you. If you need help at any point, we're in your corner – 7 days a week.

How to enrol: Online

1. Select 'Start studying now' on the course page.
2. Tell us about yourself so that we can create your Student Hub account and check your student loan eligibility.
3. Pay your tuition fees with a student loan or credit card.

How to enrol: Over the phone

1. Visit open.edu.au/contact-us/book-consultation
2. Select a date and time you would like to receive a call from an expert student advisor.
3. Prepare for your call. This might involve writing down any questions you have, as well as finding a quiet space to talk.
4. Be guided through the steps by your student advisor over the phone. If you're eligible, you may become a student by the end of the phone call!

Unsure about meeting entry requirements?

If you're unsure whether you meet the entry requirements listed in this course guide, get in touch. We'll ask you a series of questions that will help us understand if you've studied before, or whether your work history may count as credit towards this course.

Open Universities Australia has a unique arrangement with the Australian Government and leading universities across Australia – giving you the chance to start with single subjects that have no entry requirements. They're even covered by FEE-HELP if you're eligible.

Once completed successfully, these subjects can become credit towards your ideal degree. We call this Open Access.

No matter your story, we'll find a way.

Get in touch

Simply choose how you would like to start the conversation.

Call us

Phone: [13 OPEN \(13 6736\)](tel:1300673673)

Book a consultation with us

Visit open.edu.au/contact-us/book-consultation

Chat with us

Visit open.edu.au/contact-us for Live Chat, Facebook Messenger, WhatsApp, SMS and Apple Business Chat options.

Stay up to date

The information in this degree guide was correct at the time of publication. This information can change, so you should always check our website for the latest updates.

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