

Postgraduate

Information Technology Business Analysis

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SWINBURNE
UNIVERSITY OF
TECHNOLOGY



► Information technology business analysis



Swinburne's postgraduate program in information technology business analysis has been developed in response to growing demand in government and industry for qualified business analysts. Industry executives and managers, business analysis practitioners and professional associations were consulted during its development.

Business analysts are expected to understand the capabilities of modern technologies, analyse organisational problem contexts, develop business cases for information and communication technologies (ICT) investment, and liaise between business, ICT and project teams to ensure that ICT investments deliver their expected value.

This program takes students beyond standard modelling and analysis skills to prepare them for the broader context of modern business analysis.

Program details

► Master of Information Technology Business Analysis

► Graduate Diploma of Information Technology Business Analysis

► Graduate Certificate in Information Technology Business Analysis

The modern business analyst engages stakeholders from a broad range of business and technology disciplines. In this program students gain exposure to a broad and balanced set of information systems and business disciplines that complement this role. It provides students with the skills to effectively deal with and deliver value to multiple areas of technology and business.

Units cover the core disciplinary areas of the profession, including data and information modelling, process redesign and modelling, and requirements elicitation and analysis.

The program introduces and builds on existing learning in the following key areas:

- data analysis
- requirements analysis and management
- requirements elicitation, analysis and documentation
- business process analysis
- ICT solution assessment and validation
- enterprise architecture and analysis
- project management.

Electives provide students with the opportunity to develop knowledge about:

- accounting principles and systems
- technology trends
- global IT practices
- the use of data and information for strategic intelligence
- governance and security.

Career opportunities

Completion of this program will benefit people wanting to pursue a career as a business analyst. With experience, graduates may advance to roles as senior business analysts, practice managers and business relationship managers, as well as a range of project management and enterprise architecture roles.

Admission requirements

Applicants should have a recognised bachelor degree.

Applicants who do not have an appropriate qualification but who have at least five years' relevant work experience are also encouraged to apply; they may be eligible for admission at the graduate certificate level.

Applicants who completed their degree in information systems, business or an ICT-related discipline may be eligible for advanced standing towards the master qualification.

Location

Hawthorn campus

Program length

Graduate certificate: Six months full-time or equivalent part-time

Graduate diploma: One year full-time or equivalent part-time

Master: Two years full-time or equivalent part-time

Intake

March and August

Time commitment

Formal contact hours for each unit of study are three hours per week. Part-time study allows students to undertake one or two units at a time.

Evening and weekend classes are available.

Assessment

Assessment methods vary between units. Most units are assessed via a combination of individual and group assignments and examinations.

Program structure

All units of study are valued at 12.5 credit points unless otherwise stated.

Successful completion of the graduate certificate requires students to complete four core units of study to the value of 50 credit points.

Successful completion of the graduate diploma requires students to complete eight units of study to the value of 100 credit points. Students complete five core units, two specialisation units and one elective unit.

Successful completion of the master requires students to complete 16 units of study to the value of 200 credit points. Students complete eight core units, four specialisation units and four elective units.

Units of study

STAGE 1: GRADUATE CERTIFICATE

INF10002	Database Analysis and Design
INF20003	Requirements Analysis and Modelling
INF30003	Business Information Systems Analysis
INF30005	Business Process Modelling

STAGE 2: GRADUATE DIPLOMA

INF30001	Systems Acquisition and Implementation Management
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Plus one accounting unit

Plus one project management unit

Plus one elective unit

STAGE 3: MASTER

INF80001	Advanced Business Analysis
INF80006	Business Analysis Practice
INF80018	Enterprise Architecture, Strategy and Governance

Plus one foundation unit

Plus one project unit

Plus three elective units

SPECIALISATION UNITS

Students choose one unit from each pair, at the specified level, depending on their previous study and/or experience.

ACCOUNTING UNITS

ACC80002	Accounting Principles
FIN80003	Business Modelling and Analysis

FOUNDATION UNITS

INF10003	Introduction to Business Information Systems
INF80007	Business Information Systems for a Rapidly Changing World

PROJECT UNITS

ICT30010	Industry Project (Analytical)
INF80005	Business Analysis Internship Project

PROJECT MANAGEMENT UNITS

INF30019	Information Systems Project Management
INF80025	Systems Project Management

ELECTIVE UNITS

FIN80003	Business Modelling and Analysis
FIN80013	Advanced Financial Information Systems
FST80005	Sustainability, Risk and Corporate Responsibility
INF30004	Business Intelligence
INF30013	Enterprise Systems
INF30017	Global ICT Practice
INF30020	Information Systems Risk and Security
ORG60001	Leading
ORG70002	Managing Diversity and Culture

Recommended sequence of study

This sequence is provided as a guide to completing the required units of study for students undertaking a Master of Information Technology Business Analysis who are studying full-time.

SEMESTER 1

INF10002	Database Analysis and Design
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Plus one foundation unit

Plus one accounting unit

Plus one elective unit

SEMESTER 2

INF20003	Requirements Analysis and Modelling
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INF30001	Systems Acquisition and Implementation Management
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Plus one project management unit

Plus one elective unit

SEMESTER 3

INF30003	Business Information Systems Analysis
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INF30005	Business Process Modelling
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INF80001	Advanced Business Analysis
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Plus one elective unit

SEMESTER 4

INF80006	Business Analysis Practice
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INF80018	Enterprise Architecture, Strategy and Governance
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Plus one project unit

Plus one elective unit

Note: Not all units are offered each semester and some changes to the program structure may occur.

General information

Fees

In 2014, tuition fees for Australian citizens and permanent residents range from \$2400 to \$2800 per 12.5 credit point unit of study.

Students who receive exemptions for previous study and/or experience will not be required to pay the full program fee.

In the event that a unit of study is derived from another program the applicable fee will be that of the other program. All fees are reviewed each year and may increase without notice.

For all fee enquiries and up-to-date information, visit www.swinburne.edu.au/fees

FEE-HELP

FEE-HELP is a government-funded loan that helps eligible fee-paying students to pay their tuition fees.

FEE-HELP is available to Australian citizens and holders of a permanent humanitarian visa. It is not available to New Zealand citizens and most holders of Australian permanent visas.

For further information, visit www.studyassist.gov.au

Single unit of study

If a particular unit of study takes your interest, you can enrol in a single unit. If you decide later on that you would like to do additional units or undertake the complete program, you may receive credit for any single units already completed.

Note: Single units are subject to availability and convenor approval.

Application procedure

You may lodge your application at any time but each of the intake periods has an application submission closing date. To obtain an application form, phone 1300 275 794 or visit www.swinburne.edu.au/postgrad/apply

Applications must be accompanied by a certified copy of your passport or birth certificate, a certified copy of academic transcripts and a current résumé.

Application closing dates

Semester 1 – early February

Semester 2 – mid July

Visit www.swinburne.edu.au/calendar for current semester dates.

Facilities and services

As a Swinburne student you will automatically gain access to a range of facilities. These include a well-resourced library, computer laboratories, fitness and health facilities, personal and career counselling, housing, employment and financial advice.

Recognition of Prior Learning

Recognition of Prior Learning (RPL) allows students to be granted credit or partial credit towards a qualification in recognition of skills and knowledge gained through work experience, tertiary qualifications and/or formal training.

International students

If you want to study at Swinburne, but are not an Australian resident, telephone Swinburne International on (+61 3) 8676 7002 or 1800 897 973 from within Australia, or visit www.swinburne.edu.au/international

Information and advice

Information sessions are held regularly throughout the year. They are a great opportunity to meet and talk to staff about postgraduate programs.

You can also organise a one-on-one appointment with a course adviser to discuss your study options and where your qualification may take you.

To make an appointment, visit www.swinburne.edu.au/postgrad

Further information

Telephone: 1300 275 794

Email: postgrad@swinburne.edu.au

Website: www.swinburne.edu.au/postgrad

► CAMPUSES

Hawthorn campus

John Street, Hawthorn

Melbourne CBD campus

196 Flinders Street, Melbourne

Croydon campus

12–50 Norton Road, Croydon

Wantirna campus

369 Stud Road, Wantirna

Sarawak campus

Kuching, Sarawak, Malaysia

► FURTHER INFORMATION

1300 275 794

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swinburne.edu.au/youtube

CRICOS Provider Code: 00111D

The information contained in this course guide was correct at the time of publication, June 2013. The university reserves the right to alter or amend the material contained in this guide. The information in this guide does not apply to international students. Visit www.swinburne.edu.au/international for information about courses for international students.