

# Master of Business Systems Professional

## Clayton School of Information Technology

**Course code:** 3327

**Course length:** 2 years full-time or 4 years part-time

This course is an expanded version of the existing 1.5 year Master of Business Systems – coursework version. It consists of compulsory foundation information technology studies and provides scope for specialisation in both the management and technical aspects of business systems. It aims to provide education and training in methods used in the analysis, design, development and application of computer systems to the management of business operations. It is intended for those with a first qualification on any discipline area, to develop information technology knowledge. High performing students have the option of undertaking a research path, which includes research methods training and a minor thesis.

### Career opportunities

The Master of Business Systems Professional will provide you with analysis and problem solving skills, enhance your understanding of IT in today's workplace as a management tool, and develop your skills in IT application, business systems analysis, design and implementation. It will also provide you with specific business skills such as project management, financial analysis and modelling and business process modelling – all fundamental in the global business IT environment.

### Professional career outcomes

- Business analyst
- Business manager
- Business modeller
- Business process designer
- Business systems analyst
- Business systems designer
- Computational finance analyst
- Data mining consultant
- E-commerce consultant
- IT analyst
- IT strategist
- Management consultant
- Operations manager
- Project manager
- Risk analysis consultant

### Mode of study

This course is offered on-campus during the day at Clayton campus; however, some professional tracks may require cross-campus travel between Clayton and Caulfield and some units may be offered at Caulfield in the evening.

### Professional recognition

The Master of Business Systems Professional degree meets the professional-level membership requirements of the Australian Computer Society.

### Entry requirements

The normal entry requirement is a first degree that is recognised as equivalent to an Australian bachelors degree. Candidates without formal tertiary qualifications can enter via the Professional Certificate in Information Technology or Executive Certificate in Information Technology.

### Exiting with a lesser award

Students wishing to exit the Master of Business Systems Professional early may apply to graduate with the Graduate Certificate in Business Systems, Graduate Diploma in Business Systems, or Master of Business Systems (coursework), provided they have satisfied the requirements for these awards.

### Course structure

The Master of Business Systems Professional (MBusSysPro), requires the successful completion of 96 credit points (16 units) at graduate level (fourth or fifth year). The course is available in two forms: **coursework** and **coursework and minor thesis**.

Note: It is highly recommended that students undertake postgraduate orientation activities and workshops coordinated by the Faculty of IT.

#### Coursework version

The standard course structure is: four MBusSysPro foundation units; two MBusSysPro professional tracks (each comprising four, level-5 units); and four elective units approved by the course director (or a third MBusSysPro professional track).

#### Coursework and minor thesis version

The standard course structure is: four MBusSysPro foundation units; one MBusSysPro professional track (comprising four, level-5 units); FIT4005 Research methods; a Minor thesis; and three elective units approved by the course director.

Entry to the MBusSysPro minor thesis stream will require a distinction average or above in at least eight MBusSysPro units and approval of the course director. The course director will in turn need to have approval of the research project and supervision agreement from the relevant research centre director or head of school.

### Four MBusSysPro foundation units

Designed for students with little prior study in information technology, these four units are offered on-campus and by off-campus learning.

- FIT9003 Database systems design
- FIT9004 Computer programming for business
- FIT9005 Computer architecture and networks
- FIT9006 Information technology management

### MBusSysPro Professional tracks

#### Business application development professional track

- FIT5151 Object oriented business application development
- FIT5059 Advanced programming for database applications
- FIT5077 e-Business application development
- FIT5152 User interface design and development

#### Business intelligence professional track

- FIT5094 IT for management decision making
- FIT5097 Business intelligence modelling
- FIT5095 Data warehousing
- FIT5093 Business intelligence applications

#### Business systems professional track

- FIT5157 Services science
- FIT5158 Customer relationship management and data mining
- FIT5159 IT for financial decisions
- FIT5160 Business process modelling, design and simulation

#### Enterprise systems professional track

- FIT5101 Enterprise systems
- FIT5092 e-Business
- FIT5111 Information systems development practices
- FIT5150 Project management

### MBusSysPro additional elective units

Coursework students must complete four elective units at postgraduate level. Two of these must be chosen from the postgraduate electives offered by the Faculty of Information Technology.

The remaining two electives can be chosen from any faculty of the university. Students may choose to complete a third professional track in place of electives.

Please visit [www.infotech.monash.edu.au/courses/postgraduate](http://www.infotech.monash.edu.au/courses/postgraduate) for current unit information and approved course variations.

### MBusSysPro industry-based project

The MBusSysPro has a 12-point industry-based project which involves partnership with industry. Entry to this project is competitive and has the hurdle requirement of a distinction average in 1 year of study. Final selection is made by interview.

## Applications

Applications from domestic students for all on-campus graduate courses should be made directly to the Faculty of Information Technology admissions office at the Caulfield campus.

Application forms are available from the inquiry centre on telephone +61 3 9902 6011 or from the Faculty Admissions website: [www.infotech.monash.edu/admissions/](http://www.infotech.monash.edu/admissions/)

## International students

International students wishing to apply for full-fee-paying places should apply directly to:

### International admissions

Monash University  
Telephone: +61 3 9627 4852  
Fax: +61 3 9905 8297  
Email: [miadmiss@monash.edu](mailto:miadmiss@monash.edu)  
Web: [www.monash.edu.au/international/](http://www.monash.edu.au/international/)

International students must meet English proficiency requirements outlined on the International Admissions website above.

## Further information

### Clayton School of Information Technology

Monash University  
Clayton Victoria 3800  
Telephone: +61 3 9905 9986  
Fax: +61 3 9905 5159  
IT Admissions: [admissions@infotech.monash.edu.au](mailto:admissions@infotech.monash.edu.au)

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