

# Professional Tracks (specialisations)

## Master of Business Information Systems (MBIS)

The Master of Business Information Systems program aims to prepare students for careers in IT management, applications development, business information systems, information management, or knowledge management.

The degree requires completion of at least one **Professional Track**, or specialisation.

The professional tracks are outlined in this flyer, which should be read in conjunction with the MBIS course flyer. Not all tracks and units may be offered in any one year. Course structure requirements, including completion of relevant foundation units, must be considered when selecting a professional track.

### Business Application Development

#### Units

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

Business application developers are responsible for the design, development and implementation of information systems and related applications. Business application developers will work in small and large organisations, governments and other areas. Areas covered include developing database applications, interface design, applications for Web-based systems and programming.

The goal of the Business Applications Development track is to prepare students for work as professional application developers in a wide range of areas.

Graduates from this track will have strong skills in developing applications and will be employable across a range of roles from entry-level programming positions through to senior managers leading business application development teams. They will be employed in government, private enterprise, large and small organisations.

### Business Intelligence

#### Units

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

Business intelligence (BI) professionals use information systems to improve the processes and outcomes of human decision-making. Areas covered include personal decision support systems, business intelligence systems, executive information systems, online analytical processing systems, group decision support systems, data warehousing, customer relationship management systems, financial modelling and computer modelling for business systems.

The goal of the Business Intelligence professional track is to prepare students for professional practice in supporting management decision-making using IT. Depending on their qualifications and experience prior to graduate study and the nature of their elective study, graduates could be employed in a variety of roles ranging from entry-level BI positions through to senior management consulting.

Graduates of this track will also have a strong theoretical knowledge of decision support so that they can adapt quickly to changes in technology and methodology.

### Business Systems

#### Units

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

The main focus of units in this track is to provide students with the practical IT skills and knowledge of latest techniques and technology to effectively carry out business analysis, and managerial advisory duties in business organisations.

The goal of the Business Systems professional track is to provide students with essential skills required by the current day business analyst. Depending on their qualifications and experience prior to graduate study and the nature of their elective study, graduates could be employed in a variety of roles ranging from business systems analyst, systems analyst, and functional analyst through to senior management and management advisory roles.

Graduates of the track will also have a strong theoretical knowledge of systems thinking, business dynamics and business processes as well as latest cutting edge intelligent data mining and customer relationship management technology. This will enable them to easily adapt to the fast changing and evolving field of business IT – an essential requirement for a modern day business analyst.

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### Corporate Information and Knowledge Management

#### Units

- FIT5102\* IT strategy and governance
- FIT5150\* Project management
- FIT5086\* Information and knowledge management principles
- FIT5088\* Information and knowledge management systems

This professional track is designed to produce skilled information and knowledge management (IKM) professionals, including information and knowledge managers, information architects, information policy developers, information project managers and information consultants for business and government organisations. It focuses on: strategic IKM—information policy, IKM governance, strategy, standards and frameworks; IKM principles; enterprise information architecture and web content management; planning and developing IKM systems to support key business processes; managing information and knowledge resources and services.

Depending on their qualifications and experience prior to graduate study and the nature of their elective study, graduates could be employed in a variety of roles ranging from entry-level document management analysis through to senior knowledge and information management consulting.

Graduates of the track will also have a strong theoretical knowledge of information and knowledge management principles that they can apply in designing appropriate technology and policies.

### Enterprise Systems

#### Units

- FIT5092 Electronic business
- FIT5101 Enterprise systems
- FIT5111 Information systems development practices
- FIT5150\* Project management

This track produces business analysts and information systems analysts who work in small to medium enterprises, large companies, financial organisations, government agencies and consultancy firms. Units are designed to provide management and technical expertise in the design, development, and implementation of enterprise systems, including information systems, financial systems, integrated business systems, web-based systems and systems that support e-Commerce, e-Government and e-Business.

Graduates of the track will also have a strong theoretical knowledge of systems development so that they can adapt quickly to changes in technology and methodology.

### Library, Archival and Recordkeeping Systems

#### Units

- FIT5090\* Social informatics
- FIT5104\*# Professional practice

#### And two units from:

- FIT5105\* Information access
- FIT5106\* Information organisation
- FIT5087\* Archival systems
- FIT5107\* Managing business records

Recognised as a professional qualification by the Australian Library and Information Association (ALIA), the Records Management Association of Australasia (RMAA) and the Australian Society of Archivists (ASA), the track focuses on the design, development, implementation, management and use of library, archival and recordkeeping systems and services. It also addresses a range of professional and ethical issues, and includes a professional practice placement. Library and information services units focus on: information contexts and environments; information and knowledge flows; information seeking behaviours; information access; information sources and resources; information organisation and information architecture. Records and archives units prepare records managers and archivists for the digital age, focusing on the knowledge

and skills required to ensure that vital records of organisational activities in all media are created, effectively managed and made accessible.

Depending on their qualifications and experience prior to graduate study and the nature of their elective study, graduates could be employed in a wide variety of information/knowledge-related roles, such as: information manager, information services manager, librarian, teacher librarian, community information officer, research analyst, indexer, cataloguer, metadata analyst, records manager, archivist, office systems manager, document manager, enterprise content manager, information architect, knowledge manager, chief information officer, chief knowledge officer.

\* Units offered on-campus and by off-campus learning mode\*

# Special entry requirements apply; Course director approval is required"

### Find out more today!

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