

# Add the IT factor to your Monash degree

## Minors in Information Technology

Information and communication technologies are growing in importance and influencing almost every aspect of our lives. A minor in IT will enhance your degree and give you that important edge when seeking employment. Our IT units have a strong practical focus and are taught by experts in outstanding facilities.

We look forward to sharing our knowledge with you.

### Information systems

This minor helps students address the challenges in the development, implementation, and management of business information systems.

- FIT1003 IT in organisations
- FIT1020 Fundamentals of information systems
- FIT2052 Electronic business

**Plus one unit from:**

- FIT3066 Information technology strategy and management
- FIT3068 Systems integration



### Web development

This minor gives students a grounding in the technical and content management aspects of developing internet-based systems.

- FIT1011 Web systems 1
- FIT2028 Web systems 2
- FIT2052 Electronic business
- FIT2055 Web content management

### Information management

This minor is for students who want to work with IT to manage information content, resources and services in business, government, or community sectors.

- FIT1021 Information use and management
- FIT2054 Information management in organisations
- FIT2055 Web content management

**Plus one unit from:**

- FIT3098 Information enterprise management and marketing
- FIT3099 Knowledge management

### Information technology

This minor introduces students to fundamental technical concepts in Information Technology to assist with the development of a range of systems.

- FIT1001 Computer systems
- FIT1005 Networks and data communications
- FIT1011 Web systems 1
- FIT2010 Database

Minor study available to Monash students who are enrolled outside the Faculty of IT.  
A certificate of achievement is available on completion of the minor study.

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## Unit information

**FIT1001 Computer systems** - Introduces basic computer hardware and operating systems software with emphasis on the concepts required to understand the low-level and internal operations of computer systems.

**FIT1003 IT in organisations** - Provides the organisational and social context for the technical core units, and introduces students to the professional roles and responsibilities of IT practitioners.

**FIT1005 Networks and data communications** - Introduces the fundamentals of distributed networked environments, and provides knowledge of interneting standards and understanding of the networking architecture, technology and operation.

**FIT1011 Web systems 1** - Structure of the internet. XHTML. Website structure and navigation. Basic graphic design. Digital media. SMIL. XML documents; structure, validation and use in web design.

**FIT1020 Fundamentals of information systems** - Examines the nature of the information systems discipline and the key areas of professional interest and expertise required by information systems practitioners. It introduces the main topic areas in the study of IS from both a theoretical and practical perspective.

**FIT1021 Information use and management** - Through a critical examination of document forms and information seeking behaviour, introduces fundamental concepts about information, its use and management in a variety of contexts.

**FIT2010 Database** - Introduces the principle concepts of database systems, including planning, designing, using and implementing a data model using an enterprise-scale relational database system.

**FIT2028 Web systems 2** - XML Schema Language. XSLT. XPATH. Server-side scripting: PHP. Scripting techniques for

building dynamic web page interfaces for accessing server-side data stores. Ajax. ASP.NET using C#.

**FIT2052 Electronic business** - Introduces students to the ways organisations and businesses use the internet and related technologies (including mobile systems and web services) to securely conduct core e-business activities.

**FIT2054 Information management in organisations** - Teaches students how to use tools developed to manage information within an organisational context.

**FIT2055 Web content management** - Provides practical and theoretical tools through which to manage effective systems for information organisation and retrieval in the web environment.

**FIT3066 Information technology strategy and management** - Provides a detailed understanding of key topics in information systems strategy and management, and with the skills and capacity to critically analyse IS management issues. Topics include management of IT directions including outsourcing, and systems provisioning; management and planning of IT support for business strategies; IT strategic planning; and IT risk management and failures.

**FIT3068 Systems integration** - Provides an understanding of the portfolio of information systems needed to support a large organisation and an understanding of the inter-relationships between the different elements of the portfolio. It will define Enterprise System scale (ERP) packages as the main business information system in the portfolio of large organisations.

**FIT3098 Information enterprise management and marketing** - Fulfills a need for exploration of theory and practical examples of critical success factors in the development of information products and services.

**FIT3099 Knowledge management** - Focuses on advanced concepts in the role and usage of knowledge resources within information systems development.

## Find out more

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### Information management minor

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### Web development minor

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### Information technology minor

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To undertake one of our minor study options you simply need to enrol in the units specified below via WES.

If you require course progression advice please contact your Course Coordinator.

Requests for certificates of achievement should be made to the Caulfield School of Information Technology after successful completion of relevant units.

[www.infotech.monash.edu.au/courses/minors](http://www.infotech.monash.edu.au/courses/minors)

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