Master of Enterprise Architecture

Enterprise Architects (EAs) are the executive leaders who hold the key to how organisations are structured. They build and inspire technical teams to integrate technology effectively to achieve business goals.

More than an MBA and more than IT, studying enterprise architecture encompasses an advanced skill set for executive-level business leadership, now and into the future. Enterprise architecture is about developing, managing and implementing ICT strategies for an organisation. Enterprise architecture is the strategy-driven framework that integrates the use of technology with business objectives.

You will develop skills to understand what the business needs, where it is headed, and develop technology solutions to match those needs.

Skilled enterprise architects (EAs) are in great demand across all business sectors, as they hold the key to how an organisation must be structured to achieve business goals.

The Master of Enterprise Architecture is crucial to producing these future leaders, who will build and inspire the technical teams charged with designing and integrating technology infrastructure with business systems.

Developed with and delivered by industry-leading enterprise architects, this program is the first program of its type in Australia, integrating tech expertise with the best of business practice.

Program content includes guest lectures by CIOs and CEOs from some of Australia’s leading business organisations, including tech companies, the banking sector, mining and public utilities.

Through the input of these top industry professionals this Masters program is undergoing constant development and innovation to remain relevant, cutting edge and focused on evolving business needs.

The enterprise architect’s ability to communicate, negotiate and influence is a paramount skill. The Master program is designed for professionals with IT skills and experience in systems design or development. You will learn the skills to bridge the gaps between business goals and IT. You will also gain the skills needed in support of the latest IT trends – cloud applications, mobility, digital marketing and data analytics, which are in high demand.

The program will enable you to:

- analyse an organisation in order to understand its business strategy and its needs in terms of corresponding IT systems
- design a cost-effective enterprise IT strategy, with architectures and systems, drawing on an understanding of the business strategy, to assist in achieving the relevant business goals
- develop and maintain an enterprise architecture for an organisation, taking into account its strategic plan, current IT portfolio and key business and ICT industry drivers and technologies, including hardware and software standards
- communicate an enterprise architecture to the organisation and oversee its implementation, including how an enterprise architecture supports the organisation’s strategic IT objectives and plans to influence its business audiences, IT users and other stakeholders
- develop the required governance for successful enterprise architecture development and adoption within organisations to support business and technology strategy.

You will build on your knowledge and experience in software requirements. You will also develop an understanding of systems architecture and change management to achieve a range of business objectives.

Program snapshot

Program code: MC152

EXIT POINTS
After completing 96 credit points of study approved by the Program Manager, you may exit with a graduate diploma.

DURATION
Full-time: 1.5 years
Part-time: 3 years

LOCATION
City campus

PROGRAM MANAGER
Andy Song
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Email: Andy.Song@rmit.edu.au

www.rmit.edu.au/programs/mc152
Learning and teaching
The program is designed to suit students who have external commitments. Some courses will be offered in lecture mode in the evenings, others will be offered in intensive mode as workshops over a small number of full (weekend) days, others can be taken online.

The study mode is highly flexible. Courses are offered in intensive, online and face-to-face burst modes of delivery, with some courses offered between two and six times a year, so it’s possible to study this program full-time, part-time or even fast-track it.

Much of the learning will be in teams, involving group discussion and presentations, in order to foster development of essential skills such as effective communication and persuasion. These will take place in innovative learning spaces.

The program will promote a strong group experience, fostering networking opportunities between students, who will all have significant and senior-level industry experience. Lectures and presentations by external experts, including senior-level executives, will provide further opportunity for rich networking opportunities.

Industry connections
RMIT’s Master of Enterprise Architecture Industry Advisory Group includes CIOs, CEOs, and heads of enterprise architecture departments – all enterprise architecture leaders in Australia and South East Asia.

As well as helping to plan and develop the Master of Enterprise Architecture, most members will continue to serve on the Industry Advisory Group, and be guest speakers in the program.

Much of the teaching material will involve real industry case studies presented by senior architects, and there will be guest presentations by senior executives from major organisations.

Career outlook
The Master of Enterprise Architecture is designed for senior ICT professionals aspiring to become technology leaders in one of Australia’s most in-demand executive roles. Graduates of the program will hold both deep IT technical skills and a strong understanding of how IT is used to address business challenges and the strategies of an organisation.

Jobs come from across every sector of business, from large to small, and a wide variety of industry sectors – mining, banking, telecommunications, public utilities and government departments.

A successful graduate will have developed skills to be part of an enterprise architecture team in a major organisation, or to be a software/solutions architecture consultant, or to be the technology lead (e.g. CTO) of a small business or technology start up.
Professional recognition
Graduates are eligible to apply for professional-level membership of the Australian Computer Society.

Program structure
This Master of Enterprise Architecture consists of 144 credit points.
Upon completion 96 approved credit points you can exit the program with a Graduate Diploma in Enterprise Architecture.

Year 1
Core courses
- Enterprise Architecture
- Software Systems Architecture
- Enterprise Architecture Leadership, Change and Governance
- Enterprise Architecture Case Studies
- Strategic Planning for IT.
You’ll also complete two Executive MBA electives and one IT elective.

Year 2
Core courses
- People and Organisations
- Enterprise Architecture Capstone Project.
You’ll also complete one IT elective.

Executive MBA electives
- Change and Innovation
- Accounting for Business Decisions
- Creating Business Strategies
- Financial Management
- Entrepreneurship and New Venture Creation.

IT electives
- Big Data Infrastructures
- Big Data Processing
- Cloud Computing
- Cloud Infrastructures
- Cloud Security
- Data Mining
- Database Systems
- Information Retrieval
- Intelligent Web Systems
- Information Systems Risk Management
- Knowledge and Data Warehousing
- Mobile Application Development
- Object Oriented Software Design
- Project Management Leadership
- Secure Electronic Commerce
- Software Requirements Engineering
- Web Services.
How to apply

Direct to RMIT University: rmit.edu.au/programs/apply/direct

Application dates Semester 1, 2017
– Applications open 14 August 2016
– Timely applications close 10 November 2016

Semester 2, 2017
– Applications open 1 May 2017
– Timely applications close 31 May 2017

Late applications will continue to be accepted after this date if places are still available.

Entry requirements

– An Australian bachelor degree or equivalent from a recognised tertiary institution with a minimum credit average which equates to a grade point average (GPA) of 2.0 (GMAT 560) in computer science; software, computer, network engineering; or information technology or similar discipline; or 5 years of current relevant work experience in programming (web, application, database); software engineering; system, functional or business analysis; information, system or enterprise architecture; ICT management; and
– Evidence of significant relevant work experience with a minimum of 3 years of management experience. The work experience criterion is a mandatory pre-requisite for the program. Applicants should be able to provide evidence of some management experience, including management of staff and budget responsibility. Applicants are required to submit current curriculum vitae and three contactable referees (additional information may be requested from the applicant).

Selection task
Applicants may be required to complete an interview.

Fees

2017 indicative fees
The annual tuition fee for full-fee places in 2017 is AU$24,000.

This program is offered on a full-fee paying basis only. If you are offered a place, you will need to pay the full tuition costs of your program. However, eligible students (such as Australian citizens or holders of an Australian permanent humanitarian visa) may apply to defer payment of some or all of their tuition fees via the Commonwealth Government’s FEE-HELP loan scheme.

Fees shown above apply to 2017 only and are based on an annual full-time study load of 96 credit points unless otherwise noted.

A proportionate fee applies for more or less than the full-time study load. Tuition fees are adjusted on an annual basis and these fees should only be used as a guide.

For more information and to learn how to calculate your exact tuition fees see: rmit.edu.au/programs/fees/postgraduate

Credit and exemptions

There are no articulation agreements for entry into this program. However, if you have completed the RMIT Executive MBA program, you will receive credit towards Executive MBA electives on a case-by-case basis.

Applicants who have completed or have partially completed a Master of Enterprise Architecture or Executive Master of Business Administration at another institution can be accepted with some credit transfer towards the Master of Enterprise Architecture program.