



**Analytics Institute
of Australia**

MASTER OF BUSINESS ANALYTICS

Course CRICOS Code: 118543M

The Master of Business Analytics prepares professionals to be leaders in data-driven decision-making and digital transformation.

The course provides students with the business acumen and analytical prowess needed to bridge the gap between business objectives and technological solutions. In this course, you will learn to gather and prepare data, extract meaning, and apply analytical tools and techniques to shape business strategy.

Study Mode

On-campus

Campus

Melbourne

Total Tuition Fees

\$ 48,000

This qualification is recognised under the Australian Qualifications Framework



Harness data to shape business strategy

In this course, you will learn to gather and prepare data, synthesise insights, and shape business strategies. You will gain skills in the use of various analytical tools and techniques, and discover how data can be applied to optimise business operations and decision-making in areas like business process reengineering, software engineering, and enterprise architecture.

For professionals looking to the future, now is the time to invest in learning the language of data



Full-time 2 years

- 8 units per year
- 2 trimesters per year
- **Annual tuition fee:** \$24,000

Administration Fee: \$250 (Non-refundable)

Career Outcomes

As a AIA graduate, you'll have the business mindset and practical experience needed to meet this demand and you will be able to participate in a variety of roles including:

1. Business Analyst
2. Software Engineer
3. Enterprise Architect
3. Data Analyst
4. Business Intelligence Consultant
5. Statistical Consultant

By using SAS in this course, AIA graduates will receive SAS badge (sas.com) as part of their qualification.



analyticsinstitute.edu.au/MBAn

COURSE STRUCTURE

A typical study plan is shown below:

YEAR 01

ANA403 – Business Analytics Fundamentals ^S

BAN406 – BPR and Software Engineering

BUS404 – Business Strategy and Analytics

BAN409 – Systems Analysis and Design

ANA404 – Data Mining and Machine Learning ^S

BAN408 – MIS and Business Systems Planning

BAN407 – Enterprise Architecture and Artificial Intelligence

BUS405 – Ethics and Privacy in Business Analytics

ANA503 – Advanced SQL and Data Warehousing ^{*ANA403}

ANA505 – Cloud Computing and Data Services

ANA504 – Predictive Analytics and Forecasting

ANA506 – Business Intelligence and Reporting

ANA602 – Advanced Data Visualisation ^S

Research Project in Business Analytics

ANA603 – Big Data Analytics ^S

WIL602 – Work Integrated Learning ^{*BUS405}

*Pre-requisite(s)



Entry Requirement



Successful completion of an Australian Bachelor degree (or equivalent) OR



Applicants with a minimum of Vocational Graduate Certificate in Business or IT, with a minimum of 3 years work experience



IELTS Overall 6.0, with not less than 6.0 (or equivalent)

Mature-age applicants with relevant work experience or professional accreditation assessed as equivalent to a Bachelor degree may be considered.

Assessment Methods

Students learn through a variety of activities:

In-class discussions, case study analysis, business report writing, research work, practical problem-solving, team building, role-play, debates and self-reflections.

In the final year of the course, students will undertake a work-integrated learning unit (100 – 120 hours of work placement), designed to be a capstone unit for the course.

Assessment types include case studies, projects, reports and presentations, problem-solving, reflections and journals, tests and quizzes and a small number of examinations.

