

**MBAN22
Master of Business Analytics**

The Master of Business Analytics course is 1.5 years in duration for a full-time student or 3.4 years in duration for a part-time student. Each year consists of three Study Periods, also known as Trimesters.

Core subject - a compulsory subject that you must complete

Elective subject - a subject to be selected from the Elective Bank below

Pre-requisite subject - a subject you must complete before undertaking another subject.

This course is comprised of 12 subjects that you are required to complete, including:

- 8** Core subjects
- 4** Elective subjects

RPL - Should you have any Recognition of Prior Learning (RPL) credits that make you eligible for exemptions, please contact your Program Director to discuss further.

How to read the below Suggested Study Pattern (as a full-time Student):

8 subjects per year make up a full-time study load, following a **3 subjects - 3 subjects - 2 subjects pattern** across the year's three study periods (trimesters/terms).

As an example: Following the below pattern, the subjects in your first year would be:

1st study period: BANASD601, MIS602 and 1 Elective (3 subjects)

2nd study period: BANASD600, STA601 and 1 Elective (3 subjects)

3rd study period: BANASD602 and BANASD603 (2 subjects)

Studying Part-Time? Follow the below sequence from top to bottom, but with fewer subjects per Study Period.

Any questions? Contact HelpMeEnrol@torrens.edu.au

SUGGESTED STUDY PATTERN

Year	Level	Subject Type	Subject	Pre-requisite	Completed	
Study Period 1						
YEAR 1	600	Core	BANASD601 Data Analytics in Business	-	<input type="checkbox"/>	
	600	Core	MIS602 Data Modelling and Database Design	-	<input type="checkbox"/>	
		Elective	Elective 1 Choose any elective subject from the elective bank below	as per subject chosen	<input type="checkbox"/>	
	Study Period 2					
	600	Core	BANASD600 Foundations in Business Analysis	-	<input type="checkbox"/>	
	600	Core	STA601 Statistics and Applied Analytics	-	<input type="checkbox"/>	
		Elective	Elective 2 Choose any elective subject from the elective bank below	as per subject chosen	<input type="checkbox"/>	
	Study Period 3					
	600	Core	BANASD602 Visual Analytics and Storytelling	-	<input type="checkbox"/>	
600	Core	BANASD603 Applied Optimisation in Business	-	<input type="checkbox"/>		
Study Period 4						
YEAR 2	600	Core	BANASD604 Responsible Artificial Intelligence in Business	-	<input type="checkbox"/>	
		Elective	Elective 3 Choose any elective subject from the elective bank below	as per subject chosen	<input type="checkbox"/>	
	Study Period 5					
	600	Core	EMP600 Engaging with Industry (Capstone)	MIS602, STA601, BANASD600, BANASD601, BANASD602 and BANASD603 must be completed prior to taking EMP600	<input type="checkbox"/>	
		Elective	Elective 4 Choose any elective subject from the elective bank below	as per subject chosen	<input type="checkbox"/>	

Please note - not all subjects are available for each Study Period. If your suggested subjects are unavailable, please take the subject that is immediately preceding or following that subject

ELECTIVE BANK

Master of Business Analytics - Choose any 4 electives

Level	Subject	Pre-requisite	Chosen
Level 500	MIS500 Foundations of Information Systems	-	<input type="checkbox"/>
	MIS501 Principles of Programming	-	<input type="checkbox"/>
Level 600	BAN401 Data Wrangling	-	<input type="checkbox"/>
	BAN402 Analytics and Practise	-	<input type="checkbox"/>
	MGT600 Management, People and Teams	-	<input type="checkbox"/>
	MGT601 Dynamic Leadership	-	<input type="checkbox"/>
	MGT604 Strategic Management	-	<input type="checkbox"/>
	MGT606 Employer Based Project	-	<input type="checkbox"/>
	MGT607 Innovation Creativity and Entrepreneurship	-	<input type="checkbox"/>
	MGT613 Corporate Sustainability	-	<input type="checkbox"/>
	MIS603 Microservices Architecture	-	<input type="checkbox"/>
	MIS604 Requirements Engineering	-	<input type="checkbox"/>
	MIS605 Systems Analysis and Design	-	<input type="checkbox"/>
	MIS607 Cybersecurity	-	<input type="checkbox"/>
	MIS608 Agile Project Management	-	<input type="checkbox"/>
	MIS610 Advanced Professional Practice	-	<input type="checkbox"/>
	PROJ6000 Principles of Project Management	-	<input type="checkbox"/>
	EDU600 Enterprise Development Unit	Program Director Approval Required	<input type="checkbox"/>
	ECO601 Economic Principles	-	<input type="checkbox"/>

Course Learning Outcomes

Master of Business Analytics

Course Learning Outcome 1	Implement optimised solutions to contemporary business challenges with evaluation of published literature and business analysis body of knowledge.
Course Learning Outcome 2	Recommend strategic solutions using analytics to achieve best business practice within a global context.
Course Learning Outcome 3	Apply data concepts and multiple information sources to transform business processes and managerial decisions.
Course Learning Outcome 4	Harness digital technologies including Artificial Intelligence to analyse and communicate information relevant to business and social challenges.
Course Learning Outcome 5	Transmit relevant and timely stakeholder insights and solutions using business analytics techniques.