

# Handbook 2020

## Coursecode

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M1289

MASTER OF BUSINESS ADMINISTRATION/MASTER OF  
INFORMATION TECHNOLOGY

**Murdoch University**

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#### **Cancellation of Courses, Majors, Minors and Units**

The University reserves the right to cancel, without notice, any course, major, minor or unit if the number of students enrolled falls below limits set by the University or in other unforeseen circumstances.

#### **Alternative Formats**

Handbook home page:

<http://handbook.murdoch.edu.au>

This publication can also be provided in alternative formats by contacting the Equity and Social Inclusion Office at Murdoch University

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<http://goto.murdoch.edu.au/EquitySocialInclusion>

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Group	Course	Offerings
<b>Graduate Coursework Degrees and Professional Doctorates</b>		
<b>Business</b>	Master of Business Administration + Master of Information Technology (Data Science) (MBA+MIT)	• Murdoch campus (internal)

## BUSINESS

### MASTER OF BUSINESS ADMINISTRATION + MASTER OF INFORMATION TECHNOLOGY (DATA SCIENCE) (MBA+MIT)

#### Management

##### Admission Requirements (Onshore):

Recognised Bachelor's degree in IT (AQF Level 7) AND evidence of two years of professional work experience;  
OR recognised non-IT Bachelor's degree plus an approved Diploma in IT (AQF Level 8);  
OR recognised non-IT Honours degree (AQF Level 8) plus five or more years of relevant experience.  
Recognition of relevant and current informal or non-formal learning may be used for entry requirements, and should be discussed with the Academic Chair.

Master of Business Administration (MBA) + Master of Information Technology (MIT)

Course Codes: M1289

Restriction: All graduate courses are subject to restriction.

##### Main Research Areas:

management, economics, accounting, finance, marketing, entrepreneurship, business ethics, data analytics, data science, artificial intelligence.

Increasingly, companies are using large datasets generated by business activities and social media to uncover trends and insights that can be used to tailor products and services, anticipate demand, improve performance, or contribute to solving complex social, health and science-related problems. The MBA+MIT (Data Science) degree is oriented to the needs of today's and tomorrow's business leaders working with big data. It is best suited to individuals working in technology-related fields, who are ready to progress to more senior-level management positions.

##### Special Requirements:

The applicant would have to demonstrate competence in statistical methods and analysis to the satisfaction of the Academic Chair to be considered for admission.

##### Employment Prospects:

Data Analyst, Data Visualisation Analyst, Business Intelligence Analyst, Chief Information Officer

Duration: 2 years full-time or part-time equivalent

##### Availability:

- Murdoch campus (internal)

#### Course Structure - 48 credit points

##### Core Units - MBA - 24 credit points

MBS538 Organisational Behaviour and Management - 3 points  
MURDOCH: S1-internal, S1-external, S2-internal, S2-external,  
SUM-internal, SUM-external

MBS636 International Business Negotiations - 3 points  
MURDOCH: S2-internal, S2-external

MBS663 Leading the Engaged Enterprise - 6 points  
MURDOCH: S2-internal, S2-external

MBS664 Strategies for Growth and Excellence - 6 points  
MURDOCH: S1-internal, S1-external, S2-internal, S2-external

MBS546 Business Finance - 3 points  
MURDOCH: S1-internal, S1-external, S2-internal, S2-external,  
SUM-internal, SUM-external

MBS539 Accounting for Managers - 3 points  
MURDOCH: S1-internal, S1-external, S2-internal, S2-external,

SUM-internal, SUM-external

##### Core Units - MIT - 24 credit points

MJ-DSCI Data Science - 24 credit points

##### Major - 24 credit points

ICT508 Information Technology Project Management - 3 points  
MURDOCH: S1-internal

ICT515 Foundations of Data Science - 3 points  
MURDOCH: S2-internal

ICT513 Data Analytics - 3 points  
MURDOCH: S2-internal, S2-external

ICT601 Business Analytics - 3 points  
MURDOCH: S2-internal

ICT616 Data Resources Management - 3 points  
MURDOCH: S1-internal, S2-internal

ICT619 Artificial Intelligence - 3 points  
MURDOCH: S1-internal

ICT625 Data Science Group Project - 6 points

## PREREQUISITES

##### Accounting for Managers (MBS539)

Enrolment in a graduate-level course.

##### Artificial Intelligence (ICT619)

Enrolment in a graduate-level IT course.

##### Business Analytics (ICT601)

Enrolment in a graduate-level Information Technology course. No specific unit prerequisites, but some familiarity with fundamentals of programming and database theory and practice would be helpful.

##### Business Finance (MBS546)

Enrolment in a graduate-level course.

##### Data Analytics (ICT513)

Prior studies equivalent to MAS183 Statistical Data Analysis and enrolment in a Graduate IT course or permission of the Academic Chair.

##### Data Resources Management (ICT616)

Enrolment in a graduate-level IT course.

##### Data Science Group Project (ICT625)

ICT508 Information Technology Project Management - and a minimum of 24 points.

##### Foundations of Data Science (ICT515)

Enrolment in an IT graduate course or permission of the Academic Chair.

##### Information Technology Project Management (ICT508)

Enrolment in a graduate IT course or permission of the Academic Chair.

##### International Business Negotiations (MBS636)

Enrolment in a graduate-level course.

##### Leading the Engaged Enterprise (MBS663)

Enrolment in a Post-graduate course

##### Organisational Behaviour and Management (MBS538)

Enrolment in a graduate-level course.

##### Strategies for Growth and Excellence (MBS664)

Enrolment in a postgraduate course.