FACULTY OF SCIENCE, ENGINEERING AND BUILT ENVIRONMENT
S777 Master of Data Science

Student ID:		Student name:		
Deakin email:		Preferred contact number:		
Date:	Year commenced:	eCOE:		Campus:

2019 SAMPLE COURSE MAP

Part A	Fundamental Data Analytics Studies (4 credit points)
Part B	Introductory Data Science Studies (4 credit points)
Part C	Mastery Data Science Studies (8 credit points)

2 years full time (4 years part time) - 16 credit points

(For students with a Bachelor's degree; or other qualifications at a higher level in any discipline)

STP050 Academic Integrity (0 credit points)

YEAR 1 Year: [Year]	Trimester 1	SIT718 Real World Analytics	SIT719 Security and Privacy Issues in Analytics	MIS770 Foundation Skills in Data Analysis	SIT740 Research and Development in IT
	Trimester 2	SIT741 Statistical Data Analysis	SIT720 Machine Learning	MIS771 Descriptive Analytics and Visualisation	~SIT764 Project Analysis and Design
	Trimester 3*				

YEAR 2 Year: [Year]	Trimester 1	SIT743 Multivariate and Categorical Data Analysis	SIT744 Practical Machine Learning for Data Science	SIT742 Modern Data Science	SIT782 Project Delivery
	Trimester 2	SIT790 Major Thesis (4 cp) OR SIT791 Professional Practice+ (4 cp) OR SIT792 Minor Thesis (2 cp) AND 2 additional credit points chosen from the list of SIT/MIS elective units OR SIT709 Internship Information Technology (1 cp) AND 3 additional credit points chosen from the list of SIT/MIS elective units			
	Trimester 3*				

1.5 years full time (3 years part time) - 12 credit points

(For students entering from a related Bachelor's degree; or Bachelor's degree in any discipline plus two years relevant work experience; or a Graduate Certificate or Graduate Diploma in the same discipline)

STP050 Academic Integrity (0 credit points)

YEAR 1 Year: [Year]	Trimester 1	MIS771 Descriptive Analytics and Visualisation	**SIT742 Modern Data Science**	SIT743 Multivariate and Categorical Data Analysis	~SIT764 Project Analysis and Design
	Trimester 2	SIT741 Statistical Data Analysis	SIT720 Machine Learning	SIT744 Practical Machine Learning for Data Science	**SIT782 Project Delivery**
	Trimester 3*				

YEAR 2 Year: [Year]	Trimester 1	SIT790 Major Thesis (4 cp) OR SIT791 Professional Practice+ (4 cp) OR SIT792 Minor Thesis (2 cp) AND 2 additional credit points chosen from the list of SIT/MIS elective units OR SIT709 Internship Information Technology (1 cp) AND 3 additional credit points chosen from the list of SIT/MIS elective units			
	Trimester 2				
	Trimester 3*				

1 year full time (2 years part time) - 8 credit points

(For students entering from a related Bachelor's degree (usually 4 year AQF level 8); or Bachelor's degree in a related discipline plus two years relevant work experience; or a Graduate Certificate or Graduate Diploma in the same discipline)

STP050 Academic Integrity (0 credit points)

YEAR 1 Year: Year	Trimester 1	SIT743 Multivariate and Categorical Data Analysis	SIT744 Practical Machine Learning for Data Science	~SIT764 Project Analysis and Design	SIT782 Project Delivery
	Trimester 2	SIT790 Major Thesis (4 cp) OR SIT791 Professional Practice+ (4 cp) OR SIT792 Minor Thesis (2 cp) AND 2 additional credit points chosen from the list of SIT/MIS elective units OR SIT709 Internship Information Technology (1 cp) AND 3 additional credit points chosen from the list of SIT/MIS elective units			
	Trimester 3*				

* Trimester 3 is optional.

~SIT764 is offered in all three trimesters. It is strongly advised to do the SIT764 and SIT782 in the adjacent trimesters in a sequence

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Course Rules

To complete the Master of Data Science, you will complete 8, 12 or 16 credit points, depending on your prior experience.

The course is structured in three parts:

- Part A. Fundamental Data Analytics Studies (4 credit points),
- Part B. Introductory Data Science Studies (4 credit points), and
- Part C. Mastery Data Science Studies (8 credit points).

Depending upon prior qualifications and/or experience, you may receive credit for Parts A and B.

Note that if you are eligible for credit for prior studies you may elect not to receive the credit.

Course Progress Check

1 Please indicate what year you want to complete your degree by: ☐

At the end of which Trimester: ☐ 1 ☐ 2 ☐ 3

2 Please indicate whether you would like to study in Trimester 3: ☐ No ☐ Yes

If yes, please indicate number of units: ☐ *Please indicate the year you intend to commence Trimester 3:*

3 Mark the check boxes of any units you intend to study (enrolled/planned), have passed or received credit for.
Each unit should only be ticked once.

4 SubSIT this form to Student Central or send it via email to: enquire@deakin.edu.au

A Student Adviser will check your units and will confirm your course plan or provide advice as needed.

For course rules please visit: **deakin.edu.au/handbook**

KEY

B	Melbourne Burwood Campus	**E**	Enrolled/planned
WF	Geelong Waterfront Campus	**P**	Passed
WP	Geelong Waurn Ponds Campus	**Cr**	Credit
WB	Warrnambool Campus		
C	Cloud Campus		