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:

2020 SAMPLE T3 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 point compulsory unit)

Recommended sequence utilising minor thesis or internship

YEAR 1 Year: [Year]	Trimester 3*	SIT718 Real World Analytics	MIS770 Foundation Skills in Data Analysis	SIT740 Research and Development in Information Technology	Elective from the list of Level 7 SIT/MIS elective units
	Trimester 1	SIT719 Security and Privacy Issues in Analytics	SIT742 Modern Data Science	MIS771 Descriptive Analytics and Visualisation	SIT743 Bayesian Learning and Graphical Models
	Trimester 2	SIT741 Statistical Data Analysis	SIT720 Machine Learning	Elective from the list of Level 7 SIT/MIS elective units	SIT764 Team Project (A) – Project Management and Practices~
YEAR 2 Year: [Year]	Trimester 1	SIT782 Team Project (B) - Execution and Delivery ~	SIT744 Deep Learning	SIT792 Minor Thesis (2 credit points) OR SIT709 Internship Information Technology (1 credit point)^ AND 1 additional credit point chosen from the list of Level 7 SIT/MIS elective units	
	Trimester 2				
	Trimester 3*				

Recommended sequence utilising major thesis or professional practice

YEAR 1 Year: [Year]	Trimester 3*	SIT718 Real World Analytics	SIT740 Research and Development in IT	MIS770 Foundation Skills in Data Analysis	
	Trimester 1	SIT719 Security and Privacy Issues in Analytics	SIT742 Modern Data Science	MIS771 Descriptive Analytics and Visualisation	
	Trimester 2	SIT741 Statistical Data Analysis	SIT720 Machine Learning	SIT764 Team Project (A) – Project Management and Practices~	
YEAR 2 Year: [Year]	Trimester 1	SIT744 Deep Learning	SIT743 Bayesian Learning and Graphical Models	SIT782 Team Project (B) – Execution and Delivery~	
	Trimester 2	SIT790 Major Thesis (4 credit points) OR SIT791 Professional Practice (4 credit points)^			
	Trimester 3*				

Note about Electives:
The following are the list of available electives for the Master of Data Science course:
· SIT790 Major Thesis (4 credit points) OR
· SIT791 Professional Practice (4 credit points) OR
· SIT792 Minor Thesis (2 credit points) AND 2 additional credit points chosen from the list of SIT/MIS elective units OR
· SIT709 Internship Information Technology (1 credit point) AND 3 additional credit points chosen from the list of SIT/MIS elective units

  * Trimester 3 is optional.
  ^Students undertaking this unit must have successfully completed STP710 Career Tools for Employability (0-credit point unit)
  ~ Note: Students are expected to undertake SIT764 and SIT782 in consecutive trimesters. Students should seek advice from the unit chair if they are unable to complete SIT764 and SIT782 consecutively.

Course Progress Check

- Please indicate what year you want to complete your degree by: ☐
  At the end of which Trimester: ☐ 1 ☐ 2 ☐ 3

- 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:*

- 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.

- Submit 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**

S777 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: If you are eligible for credit for prior studies you may elect not to receive the credit.

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		