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:

2021 SAMPLE T2 COURSE MAP – 12 and 8 credit point options

Last updated 05/10/2021

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)**

1.5 years full time (3 years part time) - 12 credit points ***(For students entering from a Bachelor's degree in a related discipline or higher; or Bachelor's degree in any discipline plus two years relevant work experience; or a Graduate Certificate of Data Analytics or equivalent; or evidence of academic capability judged to be equivalent)***

STP050 Academic Integrity - (0-credit point compulsory unit)

Recommended sequence utilising minor thesis or internship

YEAR 1 Year: **Year**	Trimester 1				
	Trimester 2	SIT741 Statistical Data Analysis	SIT720 Machine Learning	MIS771 Descriptive Analytics and Visualisation	SIT764 Team Project (A) – Project Management and Practices~
	Trimester 3*				
YEAR 2 Year: **Year**	Trimester 1	SIT744 Deep Learning	SIT742 Modern Data Science	SIT743 Bayesian Learning and Graphical Models	SIT782 Team Project (B) – Execution and Delivery~
	Trimester 2	SIT791 Professional Practice (4 credit points)^ OR SIT723 Research Project A (2cp) and SIT724 Research Project B (Thesis)(2cp) OR SIT723 Research Project A (2cp) and 2 level 7 SIT electives (2cp) OR FOUR (4) level 7 SIT/MIS elective units (4cp)			
	Trimester 3*				

*

Mastery Data Science studies options: (Note: Depending on your choice of studies, there may be an impact on your course completion):

SIT791 Professional Practice (4 credit points) **OR**
SIT723 Research Project A (2cp) and SIT724 Research Project B (Thesis)(2cp) **OR**
SIT723 Research Project A (2cp) and 2 level 7 SIT electives (2cp) **OR**
FOUR (4) level 7 SIT/MIS elective units (4cp)

1 year full time (2 years part time) - 8 credit points ***For students entering from a Bachelor's Honours degree in a related discipline or higher; or Bachelor's degree in a related discipline plus two years relevant work experience; or a Graduate Certificate of Data Science; or evidence of academic capability judged to be equivalent.)***

STP050 Academic Integrity - (0-credit point compulsory unit)

Recommended sequence utilising minor thesis or internship

YEAR 1 Year: **Year**	Trimester 1				
	Trimester 2	SIT744 Deep Learning	SIT764 Team Project (A) – Project Management and Practices ~		
	Trimester 3*				

YEAR 2 Year: Year					
	Trimester 1	SIT743 Bayesian Learning and Graphical Models	SIT782 Team Project (B) – Execution and Delivery ~		
	Trimester 2	SIT791 Professional Practice (4 credit points)^ OR SIT723 Research Project A (2cp) and SIT724 Research Project B (Thesis)(2cp) OR SIT723 Research Project A (2cp) and 2 level 7 SIT electives (2cp) OR FOUR (4) level 7 SIT/MIS elective units (4cp)			
	Trimester 3*				