



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

2020 SAMPLE T2 COURSE MAP

Last updated 20/4/2020

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

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

<b>YEAR 1</b> Year: <input type="text"/>	Trimester 1				
	Trimester 2	SIT718 Real World Analytics	SIT719 Security and Privacy Issues in Analytics	MIS770 Foundation Skills in Data Analysis	SIT740 Research and Development in IT
	Trimester 3*				
<b>YEAR 2</b> Year: <input type="text"/>	Trimester 1	MIS771 Descriptive Analytics and Visualisation	SIT742 Modern Data Science	SIT743 Bayesian Learning and Graphical Models	Elective from the list of Level 7 SIT/MIS elective units
	Trimester 2	SIT741 Statistical Data Analysis	SIT720 Machine Learning	SIT764 Team Project (A) – Project Management and Practices~	Elective from the list of Level 7 SIT/MIS elective units
	Trimester 3*				
<b>YEAR 3</b> Year: <input type="text"/>	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

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

Recommended sequence utilising minor thesis or internship

<b>YEAR 1</b> Year: <input type="text"/> Year	Trimester 1				
	Trimester 2	SIT741 Statistical Data Analysis	SIT720 Machine Learning	MIS771 Descriptive Analytics and Visualisation	Elective from the list of SIT/MIS elective units
	Trimester 3*				
<b>YEAR 2</b> Year: <input type="text"/> Year	Trimester 1	SIT744 Deep Learning	SIT742 Modern Data Science	SIT743 Bayesian Learning and Graphical Models	SIT764 Team Project (A) – Project Management and Practices ~
	Trimester 2	Elective from the list of SIT/MIS elective units	SIT792 Minor Thesis (2 credit points) OR SIT709 Internship Information Technology (1 credit point)^ AND 1 additional credit points chosen from the list of SIT/MIS elective units		SIT782 Team Project (B) – Execution and Delivery
	Trimester 3*				

Recommended sequence utilizing major thesis or professional practice

<b>YEAR 1</b> Year: <input type="text"/> Year	Trimester 1				
	Trimester 2	SIT741 Statistical Data Analysis	SIT720 Machine Learning	SIT764 Team Project (A) – Project Management and Practices ~	MIS771 Descriptive Analytics and Visualisation
	Trimester 3*				
<b>YEAR 2</b> Year: <input type="text"/> 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	SIT790 Major Thesis (4 credit points) OR SIT791 Professional Practice+ (4 credit points)^			
	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)

Recommended sequence utilising minor thesis or internship

<b>YEAR 1</b> Year: <input type="text"/> Year	Trimester 1	SIT743 Bayesian Learning and Graphical Models	SIT744 Deep Learning	Elective from the list of SIT/MIS elective units	SIT764 Team Project (A) – Project Management and Practices ~
	Trimester 2	Elective from the list of SIT/MIS elective units	SIT792 Minor Thesis (2 credit points) OR SIT709 Internship Information Technology (1 credit point)^ AND 1 additional credit points chosen from the list of SIT/MIS elective units		SIT782 Team Project (B) – Execution and Delivery
	Trimester 3*				

Recommended sequence utilizing major thesis or professional practice

<b>YEAR 1</b> Year: <input type="text"/> Year	Trimester 1	SIT743 Bayesian Learning and Graphical Models	SIT764 Team Project (A) – Project Management and Practices ~		
	Trimester 2	SIT744 Deep Learning	SIT782 Team Project (B) – Execution and Delivery~		
	Trimester 3*	SIT790 Major Thesis (4 credit points) OR SIT791 Professional Practice+ (4 credit points)^			

\* 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.

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

## 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](mailto: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](http://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.

This course map is for illustrative purposes only. Students must meet the course rules and unit requirements as set out in the Handbook ([deakin.edu.au/handbook](http://deakin.edu.au/handbook)). Deakin University reserves the right to alter, amend or delete details of course offerings and other information published herein. Students are advised to check the relevant Handbook online (at the above link) for the most up-to-date information relating to their course structure and available units

#### KEY

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