

# S777 MASTER OF DATA SCIENCE

## FACULTY OF SCIENCE, ENGINEERING AND BUILT ENVIRONMENT

### PART C: PROFESSIONAL STUDIES - ELECTIVES PART SEQUENCE



FOR STUDENTS COMMENCING TRIMESTER 1 2021

Last updated 12/07/2021

When you first enrol via StudentConnect and go through the enrolment steps, you may be able to simply confirm any units that are pre-populated for you. You can also add any that you need to do, as part of your first year's enrolment – by using the information on this map and in the Handbook.

You must also complete the following compulsory zero (0) credit point units: STP050 Academic Integrity (0 credit points)

<b>YEAR 1</b> Year: 2021	Trimester 1				
	Trimester 2				
	Trimester 3				

<b>YEAR 2</b> Year: 2022	Trimester 1				
	Trimester 2				
	Trimester 3				

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.

Students undertaking SIT791 must have successfully completed STP710 Career Tools for Employability (0-credit point unit)

#### S777 COURSE RULES

- Must pass 16 credit points for course
- Must pass ALL units in {STP050}
- Must pass ALL units in {MIS770, MIS771, SIT718, SIT719, SIT720, SIT740, SIT741, SIT742, SIT743, SIT744, SIT764, SIT782}
- Must pass 1 unit set(s) in {Part C: Professional Studies - Professional Practice (PT-S777004), Part C: Professional Studies - Research Project a & Research Project B (Thesis) (PT-S777005), Part C: Professional Studies - Research Project a and Electives (PT-S777006), Part C: Professional Studies - Electives (PT-S777007)}

Note: Depending upon prior qualifications and/or experience, you may receive credit for Part A and B. If you are eligible for credit for prior studies you may elect not to receive the credit.

#### FOR USE ONLY WHEN UNDERTAKING A CONSULTATION WITH A STUDENT ADVISER:

Student ID: _____		Name: _____			
Deakin email: _____			Preferred contact no: _____		
Year commenced:	Period commenced:	eCOE (if applicable):	Campus: _____	Mode: _____	
Student adviser: _____				Date: _____	

## Notes

### GENERAL INFORMATION

This course map is a guide only. You must also ensure you meet the course rules and structure as set out in the official [University Handbook](#) of the year you commenced your course. This course map has been created to be used electronically.

Not all units are available in all study periods or mode of delivery.

- Full time study is typically three to four units (or credit points) each study period.
- Part time study is typically one to two units (or credit points) each study period – part time study will extend the duration of your studies.
- Trimester 3 is typically an optional study period - unless it's your first study period and/or a compulsory study period for your course.

Unit options can be found in the '[Advanced Unit Search](#)' in the most current year's University Handbook.

If you have applied for or received credit for units as recognition of prior learning (RPL), it may alter the units you need to study.

Please seek advice from a Student Adviser in StudentCentral if you have any queries or need help understanding your course structure and unit options.

### S777 MASTER OF DATA SCIENCE PART UNIT SETS

PART A: FUNDAMENTAL DATA ANALYTICS STUDIES (PT-S777001)
<a href="#">MIS770 Foundation Skills in Data Analysis</a>
<a href="#">SIT718 Real World Analytics</a>
<a href="#">SIT719 Analytics for Security and Privacy</a>
<a href="#">SIT740 Research and Development in Information Technology</a>

#### Completion Rule

- Must pass all unit(s) in {MIS770, SIT718, SIT719, SIT740}

PART B: INTRODUCTORY DATA SCIENCE STUDIES (PT-S777002)
<a href="#">MIS771 Descriptive Analytics and Visualisation</a>
<a href="#">SIT720 Machine Learning</a>
<a href="#">SIT741 Statistical Data Analysis</a>
<a href="#">SIT742 Modern Data Science</a>

#### Completion Rule

- Must pass all unit(s) in {MIS771, SIT720, SIT741, SIT742}

**PART C: MASTERY DATA SCIENCE STUDIES (PT-S777003)**

[SIT743 Bayesian Learning and Graphical Models](#)

[SIT744 Deep Learning](#)

[SIT764 Team Project \(A\) - Project Management and Practices](#)

[SIT782 Team Project \(B\) - Execution and Delivery](#)

Completion Rule

- Must pass all unit(s) in {SIT743, SIT744, SIT764, SIT782}

**PART C: PROFESSIONAL STUDIES - PROFESSIONAL PRACTICE (PT-S777004)**

[SIT791 Professional Practice](#)

[STP710 Career Tools for Employability](#)

Completion Rule

- Must pass all unit(s) in {SIT791, STP710}

**PART C: PROFESSIONAL STUDIES - RESEARCH PROJECT A & RESEARCH PROJECT B (THESIS) (PT-S777005)**

[SIT723 Research Project A](#)

[SIT724 Research Project B \(Thesis\)](#)

Completion Rule

- Must pass all unit(s) in {SIT723, SIT724}

**PART C: PROFESSIONAL STUDIES - RESEARCH PROJECT A AND ELECTIVES (PT-S777006)**

[SIT723 Research Project A](#)

Completion Rule

- Must pass 1 unit(s) in {SIT723}
- Must pass 2 credit points in {SIT7%}