

# Postgraduate Diploma in Applied Data Science (PGDipADS – 120 points)

These regulations must be read in conjunction with the General Regulations for the University.

## 1. Version

- (a) These Regulations came into force on 1 January 2025.
- (b) This Diploma was first offered in 2017.

## 2. Variations

In exceptional circumstances the Amo Matua, P tāiao | Executive Dean of Science or delegate may approve a personal programme of study which does not conform to these Regulations.

## 3. The structure of the qualification

To qualify for the Postgraduate Diploma in Applied Data Science a student must complete a total of at least 120 points including: 60 points of courses listed in Schedule C: Group 2.

- i. With approval of the Amo Matua, P tāiao | Executive Dean of Science or delegate a student may substitute one or more of these courses with a more advanced course on the topic.
- (c) At least 15 points from Schedule E courses listed in the Schedule to the degree.

## 4. Admission to the qualification

A student for the Postgraduate Diploma in Applied Data Science (PGDipADS), before applying to enrol in the Diploma, must have:

- (a)

### 9. Honours, Distinction and Merit

This qualification adheres to the General Regulations for the University, with no additional stipulations.

### 10. Exit and Upgrade Pathways to other Qualifications

- (a) A student who has completed the requirements for the PGDipADS but has not yet graduated, may apply to the Amo Matua, P taiao | Executive Dean of Science or delegate to be admitted to the Master of Applied Data Science and have credits transferred.
- (b) A student who has graduated with the PGDipADS from Te Whare Wanga o Waitaha | University of Canterbury, may apply to the Amo Matua, P taiao | Executive Dean of Science or delegate to be admitted to the Master of Applied Data Science and have their PGDipADS subsumed in accordance with the General Regulations to the University.
- (c) There are no exit qualifications for this Diploma.

## Schedule C: Compulsory Courses for the Postgraduate Diploma in Applied Data Science

For full course information, go to [courseinfo.canterbury.ac.nz](http://courseinfo.canterbury.ac.nz)

### Group 1: Foundational Data Science Competencies


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Qualification Regulations

## Group 2: Advanced Data Science Competencies

A student will be required to take the following courses. With approval of the Kaihaut H taka | Programme Director, other relevant courses can be substituted:

Course Code	Course Title	Pts	2025	Location	P/C/R/RP/EQ
DATA420	Scalable Data Science	15	X1	UC Online	P: Subject to approval of the Head of Department of Mathematics and Statistics.
			S1	Campus	
			S1	Distance Learning	
			S2	Campus	
			S2	Distance Learning	
			X3	UC Online	
DIGI405	Texts, Discourses and Data: the Humanities and Data Science	15	S1	Campus	P: Subject to approval of the Programme Coordinator.
			S1	Distance Learning	
			S2	Campus	
			S2	Distance Learning	
			X3	UC Online	
STAT448	Big Data	15	S1	Campus	P: Subject to approval of the Head of School
			S1	Distance Learning	
			S2	Campus	
			S2	Distance Learning	
			X4	UC Online	
STAT462	Data Mining	15	S1	Campus	P: Subject to approval of the Head of School.
			S1	Distance Learning	
			X2	UC Online	
			S2	Campus	
			S2	Distance Learning	

## Schedule E: Elective Courses for the Postgraduate Diploma in Applied Data Science

400 or 600-level courses in Biological Sciences, Computer Science, Digital Humanities, Economics, Environmental Science, Finance, Geography, Geology, Mathematics, Physics, Psychology, Statistics, or in a other relevant degree subject as approved by the Kaihaut H taka | Programme Director and the Tumuaki o te kura tika | Head of the relevant school. This group would normally include a course with a special integrated learning component.