



## Academic Transcript

PAUL JOHN CRONIN (5330951)

Page 1

### AWARDS

MDS  
LEVEL: MASTER OF DATA SCIENCE  
DATE OF COMPLETION: EXCELLENCE  
DATE OF COMPLETION: 05 JULY 2022  
DATE OF CONFERRAL: 28 JULY 2022

### ENROLMENT HISTORY SUMMARY

TERM	CAREER	PROGRAM
HEXAMESTER 4 2020	POSTGRADUATE (ONLINE)	8646 DATA SCIENCE - MDS
HEXAMESTER 5 2020	POSTGRADUATE (ONLINE)	8646 DATA SCIENCE - MDS
HEXAMESTER 6 2020	POSTGRADUATE (ONLINE)	8646 DATA SCIENCE - MDS
HEXAMESTER 1 2021	POSTGRADUATE (ONLINE)	8646 DATA SCIENCE - MDS
HEXAMESTER 2 2021	POSTGRADUATE (ONLINE)	8646 DATA SCIENCE - MDS
HEXAMESTER 3 2021	POSTGRADUATE (ONLINE)	8646 DATA SCIENCE - MDS
HEXAMESTER 4 2021	POSTGRADUATE (ONLINE)	8646 DATA SCIENCE - MDS
HEXAMESTER 5 2021	POSTGRADUATE (ONLINE)	8646 DATA SCIENCE - MDS
HEXAMESTER 6 2021	POSTGRADUATE (ONLINE)	8646 DATA SCIENCE - MDS
HEXAMESTER 1 2022	POSTGRADUATE (ONLINE)	8646 DATA SCIENCE - MDS
HEXAMESTER 2 2022	POSTGRADUATE (ONLINE)	8646 DATA SCIENCE - MDS
HEXAMESTER 3 2022	POSTGRADUATE (ONLINE)	8646 DATA SCIENCE - MDS

### ENROLMENT HISTORY DETAILS

#### POSTGRADUATE (ONLINE) 8646 DATA SCIENCE - MDS

HEXAMESTER 4 2020			
ZZEN 9021	PRINCIPLES OF PROGRAMMING	99	HIGH DISTINCTION
HEXAMESTER 5 2020			
ZZEN 9311	DATABASE SYSTEMS	80	DISTINCTION
HEXAMESTER 6 2020			
ZZBU 6505	DATA AND ETHICS	76	DISTINCTION
HEXAMESTER 1 2021			
ZZSC 9001	FOUNDATIONS OF DATA SCIENCE	88	HIGH DISTINCTION
HEXAMESTER 2 2021			
ZZSC 5905	STATISTICAL INFERENCE FOR DATA SCIENTISTS	81	DISTINCTION
HEXAMESTER 3 2021			
ZZBU 6507	DATA VISUALISATION AND COMMUNICATION	85	HIGH DISTINCTION
HEXAMESTER 4 2021			
ZZSC 5960	BAYESIAN INFERENCE AND COMPUTATION FOR DATA SCIENTISTS	90	HIGH DISTINCTION
HEXAMESTER 5 2021			
ZZEN 9444	NEURAL NETWORKS, DEEP LEARNING	82	DISTINCTION

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Page 2

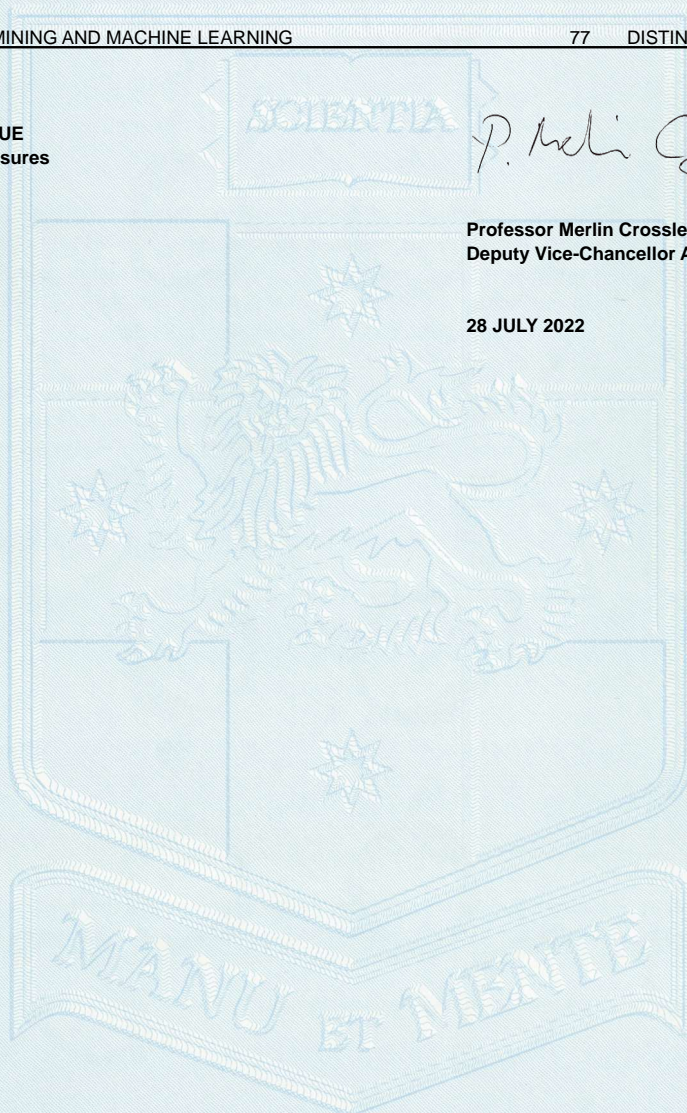
HEXAMESTER 6 2021			
ZZEN 9313	BIG DATA MANAGEMENT	99	HIGH DISTINCTION
HEXAMESTER 1 2022			
ZZSC 5806	REGRESSION ANALYSIS FOR DATA SCIENTISTS	87	HIGH DISTINCTION
HEXAMESTER 2 2022			
ZZSC 9020	DATA SCIENCE PROJECT	87	HIGH DISTINCTION
HEXAMESTER 3 2022			
ZZSC 5836	DATA MINING AND MACHINE LEARNING	77	DISTINCTION

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paper without alterations or erasures

Professor Merlin Crossley  
Deputy Vice-Chancellor Academic and Student Life

28 JULY 2022





# THE UNIVERSITY OF NEW SOUTH WALES

The University of New South Wales commenced as the New South Wales University of Technology in 1949. It became the University of New South Wales in 1958. The University is commonly known as UNSW or by its registered business name, UNSW Sydney.

From 1951 the University administered on behalf of the Department of Technical Education a number of diploma programs leading to the award of Associateship of Sydney Technical College. The programs were withdrawn in 1959.

In 1951 a University College was established at Newcastle. It became the University of Newcastle in 1965. In 1954 a University College was established at Broken Hill. It ceased operations in 1984. In 1962 a University College was established at Wollongong. It became the University of Wollongong in 1975.

In 1967 the Faculty of Military Studies was established at the Royal Military College, Duntroon, in the Australian Capital Territory. In 1981 the University College at the Australian Defence Force Academy was established. The Academy was opened in 1986 and the activities of the Faculty of Military Studies were absorbed into the University College, known as UNSW Canberra at ADFA.

In 1990 the former St George Institute was amalgamated with the University. Also in 1990 the former City Art Institute was amalgamated with the University and is now known as UNSW Art & Design. St George Institute was an institute of the Sydney College of Advanced Education from 1982 to 1989. City Art Institute was an institute of the Sydney College of Advanced Education from 1982 to 1987 and an institute of The New South Wales Institute of the Arts from 1988 to 1989. In 1982 the Alexander Mackie College of Advanced Education was disestablished and the St George Institute and City Art Institute were established within the Sydney College of Advanced Education.

## THE GRADING SYSTEM

<b>HIGH DISTINCTION</b>	-	An outstanding performance; mark range 85-100
<b>DISTINCTION</b>	-	A superior performance; mark range 75-84
<b>CREDIT</b>	-	A good performance; mark range 65-74
<b>PASS</b>	-	An acceptable level of performance; mark range 50-64
<b>SATISFACTORY OR PASS*</b>	-	Satisfactory completion of a course for which a graded pass is not awarded. No mark is given.
<b>RESEARCH SATISFACTORY</b>	-	Satisfactory completion of a research program
<b>PASS CONCEDED</b>	-	Indicates a performance below that normally required for a pass; allows progression to another course for which this course is a prerequisite
<b>PASS TERMINATING</b>	-	Concessional pass not allowing progression to another course for which the course is a prerequisite
<b>FAIL</b>	-	Unsatisfactory performance, below the minimum expected level
<b>ABSENT FAIL</b>	-	Unsatisfactory performance; assessment not attempted
<b>DISCONTINUED FAIL</b>	-	Discontinued with failure
<b>UNSATISFACTORY FAIL</b>	-	Unsatisfactory performance in an essential component of the course
<b>AUDITED COURSE</b>	-	Assessment not attempted; course not counted towards award requirements
<b>ENROLMENT CONTINUING</b>	-	The course is taken over more than one teaching period and the assessment will be finalised in a later teaching period.
<b>RESEARCH CONTINUING</b>	-	Research continuing. No mark is given.
<b>RESULT DEFERRED</b>	-	Student is unable to complete course in the current teaching period. The student must re-enrol to obtain a result.
<b>NON-GRADED COMPONENT</b>	-	Enrolled in a course component
<b>NOT COMPLETED</b>	-	Course assessment requirements have not been completed in a timely manner
<b>ASSESSMENT NOT APPLICABLE</b>	-	Assessment not applicable for given course
<b>EXCHANGE ENROLMENT</b>	-	Student undertaking an exchange program
<b>ACADEMIC WITHDRAWAL</b>	-	Student discontinued the course
<b>PERMITTED WITHDRAWAL</b>	-	Student was permitted to discontinue the course without penalty

## FURTHER INFORMATION

For a comprehensive list of UNSW grades please refer to: <https://student.unsw.edu.au/grades>

This site includes information regarding grading systems used for the institutes amalgamated and within the Sydney College of Advanced Education prior to 1985, and information relating to grading systems used for the Australian Graduate School of Management. A link is also available to information for expressing UNSW grades in international terms.

Academic Calendar information can be found at: <https://student.unsw.edu.au/calendar>

THE UNIVERSITY OF NEW SOUTH WALES  
U NSW SYDNEY NSW 2052 AUSTRALIA  
Telephone: +61 2 9385 8500  
Facsimile: +61 2 9385 1252  
E-mail: [transcripts@unsw.edu.au](mailto:transcripts@unsw.edu.au)  
<https://student.unsw.edu.au/academic-transcript>