

COURSE DELIVERY PLAN 2026

Bachelor of Data Science

COURSE CODE: NBDS

2B3 Commencement

CAMPUS	Footscray Park (FP), VU Brisbane (VUB) and VU Sydney (VUS)
COLLEGE	College of Arts, Business, Law, Education and IT
STUDY MODE	Full Time or Part Time
DURATION	3 years Full Time or Part Time equivalent
FEE TYPE	For information on course fees, refer to http://vu.edu.au/fees
APPLICATION METHOD	VTAC - https://vtac.edu.au Direct Application - https://gotovu.custhelp.com/app/landing
TIMETABLE	vu.edu.au/timetables
COURSE REQUIREMENTS	To attain the award of Bachelor of Data Science students will be required to complete 288 credit points of core units.
FURTHER INFORMATION	Unit and course information is available from the University course search site at http://vu.edu.au/course-search or go to https://askvu.vu.edu.au or Phone VUHQ on 03 9919 6100
COURSE CHAIR	Bo Li Khandakar Ahmed
COURSE ADVICE	AskVU https://askvu.vu.edu.au/app/askcua

Note: Students are required to enrol in all units for semester 1 and 2 and are not permitted to enrol in more than 48 credit points per semester as a full-time load.

Core/Elective Core (a unit that must be completed) & Elective (you have some choice in what you select).

Prerequisites Several units within the degree have 'prerequisites'. These prerequisites must be met before enrolment in the unit is permitted. Generally, these prerequisites require the successful completion of a unit or units taken at an earlier stage in the course. Students should pay particular attention to these prerequisite requirements as failure to meet these can seriously hinder progression through the course.

Date of Publication: This information is current at the publication date: 10/08/2026. It is provided as information only and does not form part of a contract between any person and Victoria University.



VICTORIA UNIVERSITY

For further course information phone 1300 VICUNI/vu.edu.au
Victoria University CRICOS Provider No. 00124K (Melbourne), 02475D (Sydney and Brisbane)

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COURSE DELIVERY PLAN 2026

YEAR 1

UNIT CODE	UNIT TITLE	UNIT TYPE	SEM	CREDIT POINTS	CAMPUS	PRE-REQUISITES
Semester Two, 2026						
NIT1102	Introduction to Programming	Core	2B3	12	FP	
NIT1203	Introduction to Project Management	Core	2B4	12	FP	
Semester One, 2027						
NIT1201	Introduction to Database Systems	Core	1B1	12	FP	
NIT1001	Introduction to Data Science	Core	1B2	12	FP	NIT1102
NIT1104	Computer Networks	Core	1B3	12	FP	
NIT1101	Web Development and CMS	Core	1B4	12	FP	
Semester Two, 2027						
NIT1202	Operating Systems	Core	2B1	12	FP	
NIT1002	Introduction to Cyber Security	Core	2B2	12	FP	NIT1104

Students should be enrolling in the above unit sequence only. Unit offerings have been created by your discipline for your specific course. If the unit quota is full, please contact [AskCUA](#) for course advice.



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YEAR 2

UNIT CODE	UNIT TITLE	UNIT TYPE	SEM	CREDIT POINTS	CAMPUS	PRE-REQUISITES
Semester Two, 2027						
NIT2201	IT Profession and Ethics	Core	2B3	12	FP	
NIT2251	Machine Learning and Data Mining	Core	2B4	12	FP	NIT1001; or NIT1102
Semester One, 2028						
NIT2003	Human-Centred Design	Core	TBC	12	FP & ORT	NIT1101; or NIT1102
NIT2004	OOP Programming with Gen AI Co Pilot	Core	TBC	12	FP & ORT	NIT1102
NIT2005	Quantitative Analysis	Core	TBC	12	FP	NIT1001; or NIT1201
NIT2002	Data Science Methods and Applications	Core	TBC	12	FP	NIT1001; or NIT1102
Semester Two, 2028						
NIT2006	AI Driven Software Engineering with Structured Prompting	Core	TBC	12	FP & ORT	
NIT2202	Big Data	Core	TBC	12	FP & ORT	NIT1102; or NIT1201

Please contact [AskCUA](#) for support with enrolling into units where scheduling is TBC.



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YEAR 3

UNIT CODE	UNIT TITLE	UNIT TYPE	SEM	CREDIT POINTS	CAMPUS	PRE-REQUISITES
NIT3251	Advanced Data Science	Core	TBC	12	FP	NIT2002; or NIT2251
NIT3202	Data Analytics for Cyber Security	Core	TBC	12	FP & ORT	NIT2202; or NIT2007
To Complete in 2029						
NIT3003	IT Capstone Project 1	Core	TBC	12	FP	Completion of at least 144 credit points
NIT3012	AI-Enhanced Mobile Ecosystems	Core	TBC	12	FP & ORT	NIT2004; or NIT2006
NIT3007	Data Analytics for ICT Business	Core	TBC	12	FP & ORT	NIT2202
NIT3151	Predictive Analysis	Core	TBC	12	FP	NIT2002; or NIT2251
NIT3009	AI-Assisted Platform Agnostic Application Development	Core	TBC	12	FP & ORT	NIT2004; or NIT2006
NIT3004	IT Capstone Project 2	Core	TBC	12	FP	NIT3003

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