

COURSE DELIVERY PLAN 2025

Bachelor of Data Science

COURSE CODE: NBDS – 1B3 Commencement

CAMPUS	Footscray Park (FP)
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 A number of 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: 10/04/2025. It is provided as information only and does not form part of a contract between any person and Victoria University.

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VICTORIA UNIVERSITY

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

COURSE DELIVERY PLAN 2025

YEAR 1

UNIT CODE	UNIT TITLE	UNIT TYPE	SEM	CREDIT POINTS	CAMPUS	PRE-REQUISITES
NIT1102	Introduction to Programming	Core	1B3	12	FP	
NIT1104	Computer Networks	Core	1B4	12	FP	
NIT1202	Operating Systems	Core	2B1	12	FP	
NIT1101	Web Development and CMS	Core	2B2	12	FP	
NIT1203	Introduction to Project Management	Core	2B3	12	FP	
NIT1204	Web Application and Server Management	Core	2B4	12	FP	NIT1101

YEAR 2

UNIT CODE	UNIT TITLE	UNIT TYPE	SEM	CREDIT POINTS	CAMPUS	PRE-REQUISITES
NIT1201	Introduction to Database Systems	Core	1B1	12	FP	BCO1102
NIT1103	Communication and Information Management	Core	1B2	12	FP	
NIT2113	Cloud Application Development	Core	1B3	12	ORT	NIT1102
NIT2151	Fundamentals of Data Science	Core	1B4	12	FP	NIT1102
NIT2213	Software Engineering	Core	2B1	12	FP	
NIT2202	Big Data	Core	2B2	12	FP	NIT1102; or NIT1201
NIT2201	IT Profession and Ethics	Core	2B3	12	FP	
NIT2251	Machine Learning and Data Mining	Core	2B4	12	FP	NIT1102

YEAR 3

UNIT CODE	UNIT TITLE	UNIT TYPE	SEM	CREDIT POINTS	CAMPUS	PRE-REQUISITES
NIT2171	Introduction to ICT Management	Core	1B1	12	FP	
NIT2112	Object Oriented Programming	Core	1B2	12	FP	NIT1102
NIT3171	ICT Business Analytics and Data Visualisation	Core	1B3	12	ORT	NIT2202; and NIT2171; or NIT2271
NIT3003	IT Capstone Project 1	Core	1B4	12	FP	
NIT3202	Data Analytics for Cyber Security	Core	2B1	12	FP	NIT2102; and NIT2202
NIT3213	Mobile Application Development	Core	2B2	12	FP	NIT2112; or NIT2213

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NIT3251	Advanced Data Science	Core	2B3	12	FP	NIT2151; and NIT2251
NIT3004	IT Capstone Project 2	Core	2B4	12	FP	NIT3003; or NEF3001

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YEAR 4

UNIT CODE	UNIT TITLE	UNIT TYPE	SEM	CREDIT POINTS	CAMPUS	PRE-REQUISITES
NIT3114	Online Business System Development	Core	1B1	12	FP	NIT1204; or NIT2112; or NIT2213
NIT3151	Predictive Analysis	Core	1B2	12	FP	NIT2151; and NIT2251

Please adhere to the above sequence patterns when enrolling in units.

International students should not be enrolling in Online/ORT units unless there is no other delivery mode available.

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