

COURSE DELIVERY PLAN 2025

Bachelor of Data Science

COURSE CODE: NBDS

CAMPUS	Footscray Park (FP)
COLLEGE	College of Engineering and Science
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 <ul style="list-style-type: none">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
COURSE ADVICE	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 accurate as of October 24, 2025 and applies to students beginning during the specified intake period. It is provided for informational purposes only and does not constitute a contract between any individual and Victoria University. Students starting in a different intake or unable to follow the plan due to credit or other factors should consult their [Course and Unit Advisor](#) for enrolment assistance

Refer to the VU Calendar for 4-Week Block start dates:

<https://www.vu.edu.au/current-students/your-course/timetables-calendars/academic-calendar>



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 2025

YEAR 1

UNIT CODE	UNIT TITLE	UNIT TYPE	SEM	CREDIT POINTS	CAMPUS	PRE-REQUISITES
NIT1102	Introduction to Programming	Core	1B1	12	FP	
NIT1101	Web Development and CMS	Core	1B2	12	FP	
NIT1103	Communication and Information Management	Core	1B3	12	FP	
NIT1104	Computer Networks	Core	1B4	12	FP	
NIT1201	Introduction to Database Systems	Core	2B1	12	FP	
NIT1202	Operating Systems	Core	2B2	12	FP	
NIT1203	Introduction to Project Management	Core	2B4	12	FP	
NIT1204	Web Application and Server Management	Core	2B4	12	FP	NIT1101

Students commencing in **Semester 1, Block 3 (1B3)** should enrol as per the below sequence pattern:

1B3 - NIT1102 - Introduction to Programming

1B4 - NIT1104 - Computer Networks

2B1 - NIT1202 - Operating Systems

2B2 - NIT1101 - Web Development and CMS

2B3 - NIT1203 - Introduction to Project Management

2B4 - NIT1204 - Web Application and Server Management (requires the completion of NIT1101)

Students must adhere to the above sequence patterns when enrolling units.



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YEAR 2

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	
NIT2113	Cloud Application Development	Core	1B3	12	FP	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

Students should try to adhere to the above sequence patterns when enrolling units as this sequence will allow you to complete all required units.

YEAR 3

UNIT CODE	UNIT TITLE	UNIT TYPE	SEM	CREDIT POINTS	CAMPUS	PRE-REQUISITES
NIT3151	Predictive Analysis	Core	1B1	12	FP	NIT2151; and NIT2251
NIT3114	Online Business System Development	Core	1B2	12	FP	NIT1204; or NIT2112; or NIT2213
NIT3171	ICT Business Analytics and Data Visualisation	Core	1B3	12	FP	NIT2202 and NIT2171; or NIT2271
NIT3003 Replaced unit NEF3001	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
NIT3251	Advanced Data Science	Core	2B3	12	FP	NIT2151; and NIT2251
NIT3004 Replaced unit NEF3002	IT Capstone Project 2	Core	2B4	12	FP	NIT3003 or NEF3001

Students should try to adhere to the above sequence patterns when enrolling units as this sequence will allow you to complete all required units.

International students should not be enrolling units as Online, unless there is no other delivery mode available.



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