

COURSE DELIVERY PLAN 2024

Bachelor of Cyber Security

COURSE CODE: NBCS

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| 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 Cyber Security 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 | Assefa Teshome |
| 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.

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COURSE DELIVERY PLAN 2024

YEAR 1

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

Students commencing in **Semester 2, Block 1 (2B1)** should enrol as per the below sequence pattern:

- 2B1 – NIT1102 - Introduction to Programming
- 2B2 – NIT1101 - Web Development and CMS
- 2B3 – NIT1204 - Web Application and Server Management
- 2B4 – NIT1203 - Introduction to Project Management

In 2025, you enrol:

- 1B1 – NIT1201 - Introduction to Database Systems
- 1B2 – NIT1103 - Communication and Information Management
- 1B3 – NIT1104 - Computer Networks
- 1B4 – NIT1202 - Operating Systems

Students commencing in **Semester 2, Block 3 (2B3)** should enrol as per the below sequence pattern:

- 2B3 – NIT1102 - Introduction to Programming
- 2B4 – NIT1203 - Introduction to Project Management

In 2024, you enrol:

- 1B1 – NIT1201 - Introduction to Database Systems
- 1B2 – NIT1101 - Web Development and CMS
- 1B3 – NIT1103 - Communication and Information Management
- 1B4 – NIT1104 - Computer Networks

Students must adhere to the above sequence patterns when enrolling units



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COURSE DELIVERY PLAN 2024

YEAR 2

| UNIT CODE | UNIT TITLE | UNIT TYPE | SEM | CREDIT POINTS | CAMPUS | PRE-REQUISITES |
|-----------|--|-----------|---------------|---------------|--------|---------------------|
| NIT2171 | Introduction to ICT Management | Core | 1B1 | 12 | FP | |
| NIT2141 | Digital Forensics and Ethical Hacking | Core | 1B2, 1B3 | 12 | FP | NIT1102 |
| NIT2102 | Cyber Security Essentials | Core | 1B1, 1B2, 1B3 | 12 | FP | NIT1104 |
| NIT2122 | Server Administration and Management | Core | 1B4, 1B2 | 12 | FP | NIT1202 |
| NIT2241 | Cyber Law Policy and Professional Ethics | Core | 2B1 | 12 | FP | |
| NIT2242 | Data Privacy and Cyber Physical Systems Security | Core | 2B2 | 12 | FP | NIT1104 |
| NIT2202 | Big Data | Core | 2B1, 2B3 | 12 | FP | NIT1102; or NIT1201 |
| NIT2222 | Networking Technologies | Core | 2B1, 2B2, 2B4 | 12 | FP | NIT1104 |



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YEAR 3

| UNIT CODE | UNIT TITLE | UNIT TYPE | SEM | CREDIT POINTS | CAMPUS | PRE-REQUISITES |
|-----------|--|-----------|---------------|---------------|-----------|--|
| NEF3001 | Applied Project 1 | Core | 1B1, 1B4, 2B4 | 12 | FP | |
| NIT3141 | Security Operations and Vulnerability Analysis | Core | 1B2 | 12 | FP | NIT2141, NIT2102 |
| NIT3122 | Enterprise Network Management | Core | 1B3 | 12 | FP | NIT2122 |
| NIT3171 | ICT Business Analytics and Data Visualisation | Core | 1B4 | 12 | FP | NIT2202; or BAO2001; and NIT2171; or NIT2271 |
| | | | | 12 | ORT | |
| NIT3222 | Virtualisation in Computing | Core | 2B1, 2B2, 2B3 | 12 12 | FP ORT | NIT2122; or NIT2222 |
| NIT3274 | Small IT Business | Core | 2B4 | 12 | ORT | NIT2171; or NIT2271 |
| NIT3202 | Data Analytics for Cyber Security | Core | 2B1, 2B2, 1B2 | 12 12 | FP ORT | NIT2102; and NIT2202 |
| NEF3002 | Applied Project 2 | Core | 1B4, 2B4 | 12 | FP | NEF3001 |



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