VICTORIA UNIVERSITY
SYDNEY AUSTRALIA

Course Structure and Delivery Schedule

# NBIT – Bachelor of Information Technology (288 Credit Points)

| Core (common units) – 96 credits | |
|---|---|
| NIT1101 Web Development and CMS | NIT1201 Introduction to Database Systems (BCO1102)[1] |
| NIT1102 Introduction to Programming | NIT1202 Operating Systems |
| NIT1103 Communication & Information Management | NIT1203 Introduction to Project Management |
| NIT1104 Computer Networks | NIT1204 Web Application and Server Management (NIT1101) |

Choose one of two majors

| Majors (common units) – 96 credits | |
|---|---|
| **Web and Mobile Application Development** *(NMAWMD)* | **Network and System Computing** *(NMANSC)* |
| NIT2112 Object Oriented Programming (NIT1102) | NIT2122 Server Administration and Management (NIT1202) |
| NIT2213 Software Engineering | NIT2222 Networking Technologies (NIT1104) |
| NIT3112 Adv. Web Application Development (NIT2112 and NIT2213) | NIT3122 Enterprise Network Management (NIT2122) |
| NIT3213 Mobile Application Development (NIT2112 or NIT2213) | NIT3222 Virtualisation in Computing (NIT2122 or NIT2222) |
| NIT2113 Cloud Application Development (NIT1102 or BCO1102) | NIT2124 Network Management (NIT1104) |
| NIT2202 Big Data (NIT1102 or NIT1201) | NIT2202 Big Data (NIT1102 or NIT1201) |
| NIT3202 Data Analytics for Cyber Security (NIT2102 and NIT2202) | NIT3202 Data Analytics for Cyber Security (NIT2102 and NIT2202) |
| NIT3114 Online Business System Development (NIT1204 or NIT2112 or NIT2213) | NIT3114 Online Business System Development (NIT1204 or NIT2112 or NIT2213) |

Choose one of two minors

| IT Minor or General & Breadth Minor – 48 credits | | |
|---|---|---|
| **Software Development** *(NMIASD)* | **ICT Management** *(NMIICT)* | **Network Management** *(NMIANM)* |
| You cannot take this minor if you have completed **NMAWMD Major** | This minor can be taken if you've completed **either major** | You cannot take this minor if you have completed the **NMANSC major** |
| NIT2112 Object Oriented Programming | NIT2171 Introduction to ICT Management | NIT2122 Server Administration and Management |
| NIT2213 Software Engineering | NIT2271 ICT Change Management | NIT2222 Networking Technologies |
| NIT3112 Advance Web Application Development | NIT3171 ICT Business Analytics and Data Visualisation (NIT2202 AND NIT2171 or NIT2271) | NIT3122 Enterprise Network Management |
| NIT3213 Mobile Application Development | NIT3274 Small IT Business (NIT2171 or NIT2271) | NIT3222 Virtualisation in Computing |

| Graduating Core – 48 credits |
|---|
| NIT2102 Cyber Security Essentials (NIT1104) |
| NIT2201 IT Profession and Ethics |
| NEF3001 Applied Project 1 (Completion of at least 144 credit points) |
| NEF3002 Applied Project 2 (NEF3001 AND Completion of at least 144 credit points) |

***NOTE: Units in a bracket "()" are pre-requisites for that unit.**

**[1] Applies to BBNS students only**