

# Course Plan (Sample Only)

## B1390 BIT Cyber Security and Forensics / Computer Science Double Major

### Semester 1 2021 entry

|        | Semester 1   |                     | Semester 2   |                     |
|--------|--|---------------------|--|---------------------|
| Year 1 | ICT100 Transition to IT  | 3pts                | ICT167 Principles of Computer Science                        | 3pts                |
|        | MSP100 Career Learning: Managing Your Career <b>OR</b> MAS164* (if required, see MAS162 unit pre-requisites) | 3pts                | ICT169 Foundations of Data Communications                    | 3pts                |
|        | ICT159 Foundations of Programming  | 3pts                | ICT170 Foundations of Computer Systems                       | 3pts                |
|        | ICT171 Introduction to Server Environments and Architectures   | 3pts                | MAS162 Foundations of Discrete Mathematics                   | 3pts                |
|        |  | <b><u>12pts</u></b> |  | <b><u>12pts</u></b> |
| Year 2 | BSC203 Introduction to ICT Research Methods  | 3pts                | MSP200 Building Enterprise Skills                            | 3pts                |
|        | ICT283 Data Structures and Abstractions  | 3pts                | MSP201 Real World Learning                                   | 3pts                |
|        | ICT284 Systems Analysis and Design   | 3pts                | ICT206 Intelligent Systems                                   | 3pts                |
|        | ICT287 Computer Security   | 3pts                | ICT285 Databases   | 3pts                |
|        |  | <b><u>12pts</u></b> |  | <b><u>12pts</u></b> |
| Year 3 | ICT201 Information Technology Project Management   | 3pts                | ICT302 IT Professional Practice Project                      | 3pts                |
|        | ICT373 Software Architectures  | 3pts                | ICT303 Advanced Machine Learning and Artificial Intelligence | 3pts                |
|        | ICT378 Cyber Forensics   | 3pts                | ICT374 Operating Systems and Systems Programming             | 3pts                |
|        | ICT380 Information Security Policy and Governance  | 3pts                | ICT379 Security Architectures and Systems Administration     | 3pts                |
|        |  | <b><u>12pts</u></b> |  | <b><u>12pts</u></b> |

**\* If MAS164 is required please contact the Academic Chair for an individual variation of this study plan as MSP100 is mandatory.**

**Students who have been granted Advanced Standing or completed previous TAFE or Higher education studies should consult the Academic Chair for clarification of their enrolment requirements.**

Academic Chair: Dr Sebastian Zander

**Disclaimer: This course plan is a sample only and must be read in conjunction with the full course structure, unit prerequisites and enrolment options as per the online [Handbook](#) Correct as at 12/01/2021**

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