# Course Plan (Sample Only)

## B1317 BSc Mobile and Web Application Development / Cyber Security and Forensics
## Double Major

## Semester 1 2020 entry

|  | Semester 1 | | Semester 2 | |
|---|---|---|---|---|
| **Year 1** | ICT100 Transition to IT | 3pts | MSP100 Career Learning: Managing Your Career | 3pts |
|  | ICT159 Foundations of Programming |  | ICT169 Foundations of Data Communications | 3pts |
|  | MAS162 Foundations of Discrete Mathematics (MAS164 if required, see MAS162 unit pre-requisites) | 3pts 3pts | ICT170 Foundations of Computer Systems | 3pts |
|  | ICT171 Introduction to Server Environments and Architectures | 3pts | ICT167 Principles of Computer Science | 3pts |
|  |  | **12pts** |  | **12pts** |
| **Year 2** | BSC203 Introduction to ICT Research Methods | 3pts | *MAS225 or BRD2xx/MSP2xx*[2] *University Breadth Unit* | 3pts 3pts |
|  | ICT284 Systems Analysis and Design | 3pts | ICT285 Databases | 3pts |
|  | ICT287 Computer Security | 3pts | ICT286 Web and Mobile Computing | 3pts |
|  | Year 2 Unit (General Elective) (MAS162 if MAS164 completed) | 3pts | Year 2 Unit (General Elective) Advice MAS183 |  |
|  |  | **12pts** |  | **12pts** |
| **Year 3** | BSC301 Applied Research Skills in ICT | 3pts | ICT302 IT Professional Practice Project | 3pts |
|  | ICT375 Advanced Web Programming | 3pts | ICT365 Software Development Frameworks | 3pts |
|  | ICT378 Cyber Forensics | 3pts | ICT376 Mobile Application Development | 3pts |
|  | ICT380 Information Security Policy and Governance | 3pts | ICT379 Security Architectures and Systems Administration | 3pts |
|  |  | **12pts** |  | **12pts** |

[1]Any of the BRD2/MSP2 coded units may be chosen.