

PROGRAM PLAN

BACHELOR OF INFORMATION TECHNOLOGY

PROGRAM OPTION:
Commencing in Semester 1

START DATE:
2021

LOCATION:
Callaghan

This Program Plan is an enrolment guide to ensure you are on track to graduate. If at any time you wish to vary from this program plan seek advice from your Academic Program Advisor to ensure you remain on track.

 [PROGRAM HANDBOOK](#)

 [COURSE HANDBOOK](#)

YEAR 1	SEMESTER 1	COMP1010 Computing Fundamentals	INFT1004 Introduction to Programming	MAJOR	ELECTIVE	SEMESTER 2	COMP1140 Database and Information Management	SENG1050 Web Technologies	MAJOR	ELECTIVE
		CORE	Or SENG1110 Object Oriented Programming	MAJOR	ELECTIVE Or MAJOR 2		CORE	CORE	MAJOR	ELECTIVE Or MAJOR 2
YEAR 2	SEMESTER 1	SENG2130 Systems Analysis and Design	INFT2031 Systems and Network Administration	MAJOR 2000 level	ELECTIVE	SEMESTER 2	INFT2150 Business Analysis	SENG2260 Human-Computer Interaction	MAJOR 2000 level	ELECTIVE
		CORE	CORE	MAJOR	ELECTIVE Or MAJOR 2		CORE	CORE	MAJOR	ELECTIVE Or MAJOR 2
YEAR 3	SEMESTER 1	INFT3800 Professional Practice in Information Technology	INFT3100 Project Management	COMP3851A Computer Science and Information Technology Work Integrated Learning Part A	MAJOR 3000 level	SEMESTER 2	COMP3851B Computer Science and Information Technology Work Integrated Learning Part B	MAJOR 3000 level	ELECTIVE 2000 or 3000 level	ELECTIVE 2000 or 3000 level
		CORE	CORE	COMPULSORY	MAJOR		<i>Must be taken following COMP3851A</i>	MAJOR	ELECTIVE Or MAJOR 2 3000 level	ELECTIVE Or MAJOR 2 3000 level

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To be eligible to graduate make sure you have completed 240 units (10 units = 1 course unless otherwise specified) which meet the following criteria:

- **Core courses** – 100 units
- **Major courses** – 80 units
- **Elective courses** – 60 units
 - Students may utilise their electives to instead complete a second major. For a second major, 60 units must be unique to that major, and at least 20 units must be at 3000 level. COMP3851A and COMP3851B will also count towards the second major
- The duration of this program is 3 years full-time (40 units per semester) or part-time equivalent
- The maximum time to complete this program is 8 years
- Students must not exceed 240 units in this program
- Students must not exceed 100 units at 1000 level in this program; **students should consider this when selecting their elective and directed courses.**



Some courses have assumed knowledge and/or requisites, please refer to the individual **Course Handbook**. Please refer to the **Program Handbook** for specific information on program structure. If you are intending varying from this program plan please seek advice from your **Academic Program Advisor**.

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SYSTEMS DEVELOPMENT MAJOR

COMPULSORY COURSES

- INFT2012** Application Programming
- INFT2051** Mobile Application Programming
- INFT3050** Web Programming
- COMP3851A** Computer Science and Information Technology Work Integrated Learning Part A
- COMP3851B** Computer Science and Information Technology Work Integrated Learning Part B

DIRECTED COURSES

Complete 20 units from:

- ENGG1003** Introduction to Procedural Programming
- MATH1510** Discrete Mathematics
- MNGT1002** Introduction to Entrepreneurship and Innovation
- SENG1110** Object Oriented Programming
- SENG1120** Data Structures
- CMNS2016** Social and Interactive Media
- COMP2230** Algorithms
- COMP2240** Operating Systems
- SENG2050** Web Engineering
- SENG2250** System and Network Security

Complete 10 units from:

- COMP3260** Data Security
- COMP3330** Machine Intelligence
- COMP3340** Data Mining
- COMP3350** Advanced Database
- COMP3500** Security Attacks: Analysis and Mitigation Strategies
- COMP3600** Security Standards and Practices in Industry
- ELEC3500** Telecommunication Networks
- INFT3940** Information Technology Applications
- INFT3950** Games Design
- INFT3960** Games Production

BUSINESS TECHNOLOGY MAJOR

COMPULSORY COURSES

- STAT1060** Business Decision Making
- EBUS3030** Business Intelligence
- EBUS3050** The Digital Economy
- COMP3851A** Computer Science and Information Technology Work Integrated Learning Part A
- COMP3851B** Computer Science and Information Technology Work Integrated Learning Part B

DIRECTED COURSES

Complete 30 units from:

- ACFI1001** Accounting for Decision Makers
- ACFI1002** Accounting Practice
- ECON1001** Microeconomics for Business Decisions
- ECON1002** Macroeconomics in the Global Economy
- INFT1201** Digital Technologies for Media and Entertainment
- MKTG1001** Foundations of Marketing
- MNGT1001** Introduction to Management
- MNGT1002** Introduction to Entrepreneurship and Innovation
- CMNS2140** Principles of Public Relations
- IRHR2270** Introduction to Human Resource Management
- MNGT2002** Business Venturing
- MNGT2005** Leadership and Ethics
- COMP3350** Advanced Database
- IRHR3035** Managing Diversity
- MNGT3002** Knowledge Management
- MNGT3008** Advanced Innovation Management
- MNGT3011** Leading Organisational Change
- MNGT3012** Strategic Business Management