

Bachelor of Information Technology

 **Commenced in 2013**

 **Studying at Callaghan/Ourimbah**

See the last page for some helpful hints & tips!



This Program Plan is an enrolment guide to ensure you are on track to graduate. The courses in coloured boxes have changed for your program. The courses indicated are on offer for enrolment in 2021. Further details on transition arrangements can be found in your [program handbook](#). If at any time you wish to vary from this program plan seek prior advice from your [Academic Program Advisor](#) to ensure you remain on track.

Semester 1

Semester 2

Year 1	COMP1010 Computing Fundamentals Or INFT1150 Foundations of Information Systems Replaces INFT1001	INFT1004 Introduction to Programming Or SENG1110 Object Oriented Programming	MAJOR	ELECTIVE Or MAJOR 2
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SENG1050 Web Technologies Replaces COMP1050	MAJOR	ELECTIVE Or MAJOR 2	ELECTIVE Or MAJOR 2
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Year 2	SENG2130 Systems Analysis & Design Replaces INFT2009	INFT2031 Systems & Network Administration	MAJOR 2000 level	ELECTIVE Or MAJOR 2 3000 level
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COMP1140 Databases & Information Management Replaces INFT2040	MAJOR 2000 level	ELECTIVE Or MAJOR 2 2000 or 3000 level	ELECTIVE 2000 or 3000 level Or MAJOR 2 3000 level
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Year 3	INFT3100 Project Management	<u>10 units at 3000 level from any major in the B Information Technology</u> Replaces INFT3920	COMP3851A Computer Science & Information Technology Work Integrated Learning A	MAJOR 3000 Level
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COMP3851B Computer Science & Information Technology Work Integrated Learning B Replaces INFT3930	MAJOR 3000 Level	ELECTIVE 2000 or 3000 level Or MAJOR 2 3000 level	ELECTIVE 2000 or 3000 level Or MAJOR 2 3000 level
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Program Plan Key:  = Core  = Major  = Elective or Second Major

 = Changes from 2017 to 2021

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 – 80 units, which includes courses from the core as indicated.
- ✓ Students may complete a Double Major within this program. Students interested in completing a Double Major will enrol in courses for their second major instead of electives.
- ✓ Electives or Second Major – 80 units. Visit the [Course Handbook](#) to see a list of available Electives. For a second major the 80 units must be unique to that major, and must contain at least 40 units at 3000 level.
- ✓ Please note that a maximum of 100 units can be taken at the 1000 level; **please take this into consideration when selecting your directed and elective courses.**
- ✓ The duration of this program is 3 years full time study (40 units per semester) or part time equivalent.
- ✓ The maximum time to complete this program is 8 years.

Some courses have assumed knowledge and/or requisites, please refer to the individual [Course Handbook](#).

The [Program Handbook](#) has valuable information on program structure and requirements, if you are intending on studying part time or varying from this program plan please seek prior advice from your [Program Advisor](#).



Bachelor of Information Technology Major Sequences

Majors Courses (compulsory courses listed in **ORANGE**)

Subject to change - Please also refer to the program handbook transition information.

<p>Business Information, Communication and Technology</p> <p>Choose 60 units of Directed courses.</p> <p>Must include 30 units at 3000 level.</p>	<p>STAT1060 Business Decision Making (previously EBUS2000)</p> <p>INFT3100 Project Management (core)</p> <p>ACFI1001 Accounting for Decision Makers</p> <p>ACFI1002 Accounting Practice</p> <p>CMNS1090 Media Storytelling</p> <p>CMNS1234 Media and Communications Concepts</p> <p><i>CMNS1290 Introduction to Public Relations (no longer offered)</i></p> <p>ECON1001 Microeconomics for Business Decisions</p> <p>STAT1060 Business Decision Making</p> <p>STAT1070 Statistics for the Sciences</p> <p><i>EBUS2123 Supply Chain Decision Support (no longer offered)</i></p> <p><i>EBUS2010 eCommerce (no longer offered)</i></p> <p>MNGT1001 Introduction to Management (replaces IRHR1001)</p> <p>MKTG1001 Foundations of Marketing (replaces MKTG2100)</p> <p>IRHR2270 Introduction to Human Resource Management</p> <p>MNGT2002 Business Venturing</p> <p><i>OPSM2000 Supply Chain Management (no longer offered)</i></p> <p>IRHR3035 Managing Diversity</p> <p>MNGT3002 Knowledge Management (replaces EBUS3020)</p> <p>MNGT3004 Organisational Structures and Design</p> <p>MNGT3011 Leadership Organisational Change (replaces MNGT3005)</p> <p>MNGT3012 Strategic Business Management (replaces MNGT2001)</p> <p>EBUS3050 The Digital Economy (replaces EBUS3010)</p> <p>EBUS3030 Business Intelligence</p> <p>COMP3350 Advanced Database (replaces INFT3007)</p> <p><i>INFT3150 Business Analysis (no longer offered, replaced EBUS2020)</i></p>	<p>Digital Media and Entertainment</p> <p>Choose 40 units of Directed courses.</p> <p>Must include 20 units at 3000 level.</p>	<p>CMNS1240 Mobile Media Making (replaces CMNS1230 in 2021)</p> <p>INFT1201 Digital Technologies for Media and Entertainment</p> <p>COMP3851A CS & IT Work Integrated Learning (replaces 10 units directed)</p> <p>COMP3851B CS & IT Work Integrated Learning (core - replaces INFT3930)</p> <p>CMNS1000 Digital and Social Media</p> <p><i>DESN2201 Advanced Typography (no longer offered, replaced DESN1102)</i></p> <p>MKTG1001 Foundations of Marketing (replaces MKTG2100)</p> <p><i>CMNS2005 Cinematography (no longer offered, replaced CMNS1005, CMNS1004)</i></p> <p>CMNS2040 Music Video</p> <p>CMNS2035 Screen Production</p> <p>CMNS2130 Sound Production (replaces CMNS1130)</p> <p><i>CMNS2400 Radio Production (no longer offered)</i></p> <p>CMNS2016 Social and Interactive Media (replaces DESN2270)</p> <p><i>DESN2803 Designing for 3D (no longer offered, replaced INFT3302)</i></p> <p><i>EBUS2000 Information and Communication in Business (no longer offered)</i></p> <p><i>FMCS2200 Popular Culture and Society (no longer offered)</i></p> <p><i>DESN2320 Screen Based Visual Communication</i></p> <p><i>DESN3230 Digital Graphic Design (no longer offered)</i></p> <p>CMNS3440 Short Film Production</p> <p>CMNS3450 Media Project (20 units)</p> <p>FMCS3100 Digital Culture</p> <p>INFT3950 Games Design</p> <p>INFT3960 Games Production</p>
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Software Development and Applications

INFT3920 Contemporary Issues in Information Technology (core)

No longer offered - complete 10 units at 3000 level from any major in the B Information Technology as a replacement.

Choose **70** units of Directed courses

[ENGG1003](#) Introduction to Procedural Programming (*replaces GENG1003*)

[INFO1010](#) Introduction to Information Systems

[MATH1510](#) Discrete Mathematics

[SENG1110](#) Object Oriented Programming

[SENG1120](#) Data Structures

[STAT1060](#) Business Decision Making

[STAT1070](#) Statistics for the Sciences

[MNGT1002](#) Introduction to Entrepreneurship and Innovation

[CMNS2016](#) Social and Interactive Media (*replaces DESN2270*)

[INFT2012](#) Application Programming

INFT2800 Information Systems Development (no longer offered)

[SENG2050](#) Introduction to Web Engineering

[COMP3260](#) Data Security

[COMP3320](#) Computer Graphics

[COMP3350](#) Advanced Database (*replaces INFT3007*)

INFT3940 Information Technology Applications (no longer offered)

INFT3201 Multimedia Transmission, Storage & Management (no longer offered)

INFT3910 Advanced Software Development (no longer offered)

[INFT3960](#) Games Production

[SENG3130](#) Software Architecture and Quality Management

[SENG2260](#) Human-Computer Interaction (*replaces SENG3300*)

[ELEC3500](#) Telecommunications Networks (*replaces SENG3340*)

[INFT3050](#) Web Programming

Must include **30 units at 3000 level.**