

# Bachelor of Information Technology

 Commenced 2014 to 2016

 Studying at Callaghan/Ourimbah

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. These courses 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.

See the last page for some helpful hints & tips!



## Semester 1

Year 1	<a href="#">COMP1010</a> Computing Fundamentals  Or <i>INFT1150</i>  Replaces INFT1001	<a href="#">INFT1004</a> Introduction to Programming Or <a href="#">SENG1110</a> Object Oriented Programming	<a href="#">MAJOR</a>	<a href="#">ELECTIVE</a> Or <a href="#">MAJOR 2</a>
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Year 2	<a href="#">SENG2130</a> Systems Analysis & Design  Replaces INFT2009	<a href="#">INFT2031</a> Systems & Network Administration	<a href="#">MAJOR</a> 2000 level	<a href="#">ELECTIVE</a> Or <a href="#">MAJOR 2</a> 3000 level
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Year 3	<a href="#">INFT3100</a> Project Management	<a href="#">10 units at 3000 level from any major in the B Information Technology</a>  Replaces INFT3920	<a href="#">COMP3851A</a> Computer Science & Information Technology Work Integrated Learning A  Replaces INFT3970	<a href="#">MAJOR</a> 3000 Level
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## Semester 2

	<a href="#">SENG1050</a> Web Technologies  Replaces COMP1050	<a href="#">MAJOR</a>	<a href="#">ELECTIVE</a> Or <a href="#">MAJOR 2</a>	<a href="#">ELECTIVE</a> Or <a href="#">MAJOR 2</a>
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	<a href="#">COMP1140</a> Databases & Information Management  Replaces INFT2040	<a href="#">MAJOR</a> 2000 level	<a href="#">ELECTIVE</a> Or <a href="#">MAJOR 2</a> 2000 or 3000 level	<a href="#">ELECTIVE</a> 2000 or 3000 level Or <a href="#">MAJOR 2</a> 3000 level
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	<a href="#">COMP3851B</a> Computer Science & Information Technology Work Integrated Learning B  Replaces INFT3970	<a href="#">MAJOR</a> 3000 Level	<a href="#">ELECTIVE</a> 2000 or 3000 level Or <a href="#">MAJOR 2</a> 3000 level	<a href="#">ELECTIVE</a> 2000 or 3000 level Or <a href="#">MAJOR 2</a> 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. NOTE: INFT3970, or COMP3851A & COMP3851B, from the core counts towards the first major to bring the total units completed for the major to 80 units.
- ✓ Students may complete a Double Major within this program. Students interested in completing a Double Major will enrol in 80 units of 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 major 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](#).

*See the  
next page  
for a list of  
Majors & their  
courses*

# Bachelor of Information Technology Major Sequences

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

Subject to change - Please refer to the program handbook for up to date information.

<p><b>Enterprise Information Technology</b></p>	<p><a href="#">STAT1060</a> Business Decision Making (previously EBUS2000)  <a href="#">EBUS3050</a> The Digital Economy  <a href="#">EBUS3030</a> Business Intelligence (<b>replaces INFT3150 from 2018</b>)*</p> <p><b>*note: if you completed one of the following courses in 2017, it will count in place of INFT3150:</b>  <a href="#">INFT3007</a> The Information Resource <i>OR</i>  <a href="#">MNGT3002</a> Knowledge Management <i>OR</i>  <a href="#">MNGT3008</a> Advanced Innovation Management <i>OR</i></p>
<p>Choose <b>30</b> units of Directed courses.</p>	<p><a href="#">ACFI1001</a> Accounting for Decision Makers  <a href="#">ACFI1002</a> Accounting Practice  <a href="#">CMNS1290</a> Introduction to Public Relations (no longer offered)  <a href="#">ECON1001</a> Microeconomics for Business Decisions  <a href="#">ECON1002</a> Macroeconomics in the Global Economy  <a href="#">STAT1060</a> Business Decision Making  <a href="#">EBUS2123</a> Supply Chain Decision Support (no longer offered)  <a href="#">MNGT1001</a> Introduction to Management (<i>replaces IRHR1001</i>)  <a href="#">MKTG1001</a> Foundations of Marketing (<i>replaces MKTG2100</i>)  <a href="#">IRHR2270</a> Introduction to Human Resource Management  <a href="#">MNGT2002</a> Business Venturing  <a href="#">MNGT2005</a> Leadership and Ethics  <a href="#">OPSM2000</a> Supply Chain Management (no longer offered)  <a href="#">IRHR3035</a> Managing Diversity  <a href="#">MNGT3002</a> Knowledge Management  <a href="#">MNGT3004</a> Organisational Structures and Design  <a href="#">MNGT3011</a> Leadership Organisational Change (<i>replaces MNGT3005</i>)  <a href="#">MNGT3012</a> Strategic Business Management (<i>replaces MNGT2001</i>)</p>
<p>If this is your <b>second major</b>, choose a further <b>20 units at 3000 level</b></p>	

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

<p><b>Digital Media Entertainment</b></p>	<p><a href="#">CMNS1230</a> Foundations of Media Production  <a href="#">INFT1201</a> Digital Technologies for Media and Entertainment  <a href="#">INFT3950</a> Games Design  <a href="#">INFT3960</a> Games Production</p>
<p>Choose <b>20</b> units of Directed courses.</p>	<p><a href="#">CMNS1000</a> Digital and Social Media  <a href="#">DESN1102</a> Graphic Design in Practice (no longer offered)  <a href="#">MKTG1001</a> Foundations of Marketing (<i>replaces MKTG2100</i>)  <a href="#">CMNS2005</a> Cinematography (no longer offered, replaced <i>CMNS1005, CMNS1004</i>)  <a href="#">CMNS2040</a> Music Video  <a href="#">CMNS2035</a> Television  <a href="#">CMNS2130</a> Sound Production (<i>replaces CMNS1130</i>)  <a href="#">CMNS2400</a> Radio Production (no longer offered)  <a href="#">CMNS2016</a> Social and Interactive Media (<i>replaces DESN2270</i>)  <a href="#">DESN2803</a> Designing for 3D (no longer offered, replaced <i>INFT3302</i>)  <a href="#">EBUS2000</a> Information and Communication in Business (no longer offered)  <a href="#">CMNS3440</a> Short Film Production  <a href="#">CMNS3450</a> Media Project (20 units)  <a href="#">FMCS3100</a> Digital Culture</p>
<p>If this is your <b>second major</b>, choose a further <b>20 units at 3000 level</b></p>	

<p><b>Software Development and Applications</b></p> <p>Choose <b>40</b> units of Directed courses, with at least 10 units at 3000 level.</p> <p>If this is your <b>second major</b>, choose a further <b>20 units at 3000 level</b></p>	<p><a href="#">INFT2012</a> Application Programming  <a href="#">INFT3050</a> Web Programming</p> <p><a href="#">ENGG1003</a> Introduction to Procedural Programming (<i>replaces GENG1003</i>)  <a href="#">INFO1010</a> Introduction to Information Systems  <a href="#">MATH1510</a> Discrete Mathematics  <a href="#">SENG1110</a> Object Oriented Programming  <a href="#">SENG1120</a> Data Structures  <a href="#">MNGT1002</a> Introduction to Entrepreneurship and Innovation  <a href="#">CMNS2016</a> Social and Interactive Media (<i>replaces DESN2270</i>)  <a href="#">SENG2050</a> Introduction to Web Engineering  <a href="#">COMP3260</a> Data Security  <a href="#">COMP2240</a> Operating Systems  <a href="#">COMP2230</a> Algorithms  <a href="#">COMP3330</a> Machine Intelligence  <a href="#">COMP3350</a> Advanced Database (<i>replaces INFT3007</i>)  <a href="#">INFT3940</a> <i>Information Technology Applications (no longer offered)</i>  <a href="#">INFT3960</a> Games Production  <a href="#">SENG2250</a> Computing Security  <a href="#">SENG3130</a> Software Architecture and Quality Management  <a href="#">SENG2260</a> Human-Computer Interaction (<i>replaces SENG3300</i>)  <a href="#">ELEC3500</a> Telecommunications Networks (<i>replaces SENG3400</i>)</p>	<p><b>Data Analytics</b></p> <p>Choose <b>30</b> units of Directed courses.</p> <p>If this is your <b>second major</b>, choose a further <b>20 units at 3000 level</b></p>	<p><a href="#">STAT1070</a> Statistics for the Sciences  <a href="#">COMP3350</a> Advanced Database (<i>replaces INFT3007</i>)</p> <p><b>Choose 10 units from the following courses (replaces INFT3160):</b>  <a href="#">INFT3940</a> <i>Information Technology Applications (no longer offered)</i> <b>OR</b>  <a href="#">ELEC3500</a> Telecommunications Networks (<i>replaces SENG3400</i>) <b>OR</b>  <a href="#">MNGT3008</a> Advanced Innovation Management <b>OR</b>  <a href="#">COMP3320</a> Computer Graphics</p> <p><a href="#">ECON1001</a> Microeconomics for Business Decisions  <a href="#">ECON1003</a> Basic Econometrics and Quantitative Modelling  <a href="#">MATH1800</a> Mathematical Modelling  <a href="#">STAT2000</a> Applied Statistics and Research Methods  <a href="#">ECON3007</a> <i>Intermediate Econometrics (no longer offered)</i>  <a href="#">EBUS3030</a> Business Intelligence  <a href="#">INFT3150</a> <i>Business Analysis (no longer offered)</i>  <a href="#">STAT3100</a> Total Quality Management</p>
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