

Bachelor of Information Technology

TRANSITION ARRANGEMENTS - INFORMATION FOR STUDENTS WHO COMMENCED IN THE PROGRAM PRIOR TO 2022

Updated October 2022

Changes have been made to the Bachelor of Information Technology program from 2022 onwards. Information including the changes to the overall structure of the program, majors available, and frequently asked questions can be found in the following pages.

From 2022, the **Program Structure** has changed as follows:

2021 Program Structure – 240 units	2022 Program Structure – 240 units	Changes
Core Courses – 90 units <ul style="list-style-type: none"> COMP1010 COMP1140 SENG1050 INFT2031 INFT2150 SENG2130 SENG2260 INFT3100 INFT3800 	Core Courses – 140 units <ul style="list-style-type: none"> COMP1010 COMP1140 INFT1060 SENG1050 SENG1110 INFT2031 INFT2060 INFT2150 SENG2130 SENG2260 COMP3851A COMP3851B INFT3100 INFT3800 	Addition of new courses <ul style="list-style-type: none"> INFT1060 INFT2060 Courses moved from Major/ Directed lists into Core <ul style="list-style-type: none"> SENG1110 COMP3851A COMP3851B
Programming Directed Course – 10 units <ul style="list-style-type: none"> INFT1004 SENG1110 	Removed	<ul style="list-style-type: none"> SENG1110 moved to Core INFT1004 moved to ICT Professional Major
Majors available – 80 units <ul style="list-style-type: none"> Systems Development Business Technology 	Majors available – 60 units <ul style="list-style-type: none"> ICT Developer ICT Professional 	New majors introduced to align to career outcomes
Electives – 60 units	Electives – 40 units	Reduction in electives from 60 units to 40 units.

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Frequently Asked Questions

Does this change what I need to enrol in?

Students who commence the program from 2022 are required to complete the new degree structure. For those who commenced prior to 2022, you can still follow and complete the degree structure you entered under.

Can I still complete my major?

Yes, if you are completing a major under the Bachelor of Information Technology, you can still complete your major. Please refer to the following pages for any changes to offerings. Any courses previously completed will still count towards your major.

Can I complete one of the new majors?

You can complete one of the new majors as long as you have room left in your program to satisfy the requirements. You cannot complete more than 240 units. Please email programadvice@newcastle.edu.au to check if you have room in your program to complete one of the new majors.

Will this delay my graduation?

No. As the changes do not increase the total number of courses you need to complete, these changes will not delay your graduation.

I have completed INFT1004 as my Programming Directed course, does it still count in my program?

Yes, if you have completed INFT1004 it will still count as your Programming Directed Course.

Do I need to complete INFT1060 and/or INFT2060?

INFT1060 and INFT2060 have been introduced into the program to give additional depth into the Core of the degree. If you have room in your program to complete either INFT1060 and/or INFT2060 while still meeting the requirements of your degree, then we would recommend you do so, prioritising INFT1060 before INFT2060.

2023 Change to the Systems Development Major

INFT2012 has been discontinued from 2023. Students in the Systems Development Major who have not completed INFT2012 (Application Programming) need to complete either INFT2060 (Applied Artificial Intelligence) or SENG2050 (Web Engineering) as a replacement for INFT2012.

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Systems Development Major Teach Out Arrangements		
Compulsory courses		
INFT2012# INFT2060 SENG2050	Application Programming, or Applied Artificial Intelligence, or Web Engineering	10 units
INFT2051	Mobile Application Programming	10 units
INFT3050	Web Programming	10 units
COMP3851A*	Computer Science & Information Technology Work Integrated Learning Part A	10 units
COMP3851B*	Computer Science & Information Technology Work Integrated Learning Part B	10 units
Directed courses – choose 30 units		
ENGG1003	Introduction to Procedural Programming	10 units
MATH1510	Discrete Mathematics	10 units
MNGT1002	Introduction to Entrepreneurship and Innovation	10 units
SENG1110~	Object Oriented Programming	10 units
SENG1120	Data Structures	10 units
CMNS2016	Social and Interactive Media	10 units
COMP2230	Algorithms	10 units
COMP2240	Operating Systems	10 units
SENG2050	Web Engineering	10 units
SENG2250	System and Network Security	10 units
COMP3260	Data Security	10 units
COMP3330	Machine Intelligence	10 units
COMP3340	Data Mining	10 units
COMP3350	Advanced Database	10 units
COMP3500	Security Attacks: Analysis and Mitigation Strategies	10 units
COMP3600	Security Standards and Practices in Industry	10 units
ELEC3500	Telecommunication Networks	10 units
INFT3940	Information Technology Applications	10 units
INFT3950	Games Design	10 units
INFT3960	Games Production	10 units
SENG4500	Network and Distributed Computing	10 units
Key		
# INFT2012 discontinued from 2023 From 2023, students in the Systems Development Major who have not completed INFT2012 (Application Programming) need to complete either INFT2060 (Applied Artificial Intelligence) or SENG2050 (Web Engineering) as a replacement for INFT2012.		
* Course moved to Core. All students are required to complete these courses.		
~ Course moved to Core. If you have previously completed this course, it will still count towards your major requirements.		

Business Technology Major Teach Out Arrangements

Compulsory courses		
STAT1060	Business Decision Making	10 units
EBUS3030	Business Intelligence	10 units
EBUS2050	The Digital Economy	10 units
COMP3851A*	Computer Science & Information Technology Work Integrated Learning Part A	10 units
COMP3851B*	Computer Science & Information Technology Work Integrated Learning Part B	10 units
Directed courses – choose 30 units		
ACFI1001	Accounting for Decision Makers	10 units
ACFI1002	Accounting Practice	10 units
ECON1001	Microeconomics for Business Decisions	10 units
ECON1002	Macroeconomics in the Global Economy	10 units
INFT1201~	Digital Technologies for Media and Entertainment	10 units
MKTG1001	Foundations of Marketing	10 units
MNGT1001	Introduction to Management	10 units
MNGT1002	Introduction to Entrepreneurship and Innovation	10 units
CMNS2140	Principles of Public Relations	10 units
IRHR2270	Introduction to Human Resource Management	10 units
MNGT2002	Business Venturing	10 units
MNGT2005	Leadership and Ethics	10 units
COMP3350	Advanced Database	10 units
IRHR3035	Managing Diversity	10 units
MNGT3002	Knowledge Management	10 units
MNGT3008	Advanced Innovation Management	10 units
MNGT3011	Leading Organisational Change	10 units
MNGT3012	Strategic Business Management	10 units
Key		
* Course moved to Core. All students are required to complete these courses.		
~ Course discontinued. If previously completed, it will still count towards your major requirements.		