

TRANSITION ARRANGEMENTS



There have been some important changes to:

Bachelor of Computer Science

Program Code:

40103

CRICOS Code:

001604G

For students who commenced prior to 2025.

What kind of changes have been made to this program?

There have recently been some important changes to the core courses and majors in Bachelor of Computer Science.

All previously completed courses will still count towards your program, however this change may require some variation to your future enrolment.

What you need to do

For students who commenced prior to 2025:

Review the Transition Arrangements table on the following pages to see which courses have been impacted and its replacement. You will need to make these adjustments in your Program Planner.

For students who commenced from 2025:

Refer to your program handbook.

Further information or advice:

- See FAQs at the end of this document
- Visit [AskUON](#)
- Contact your Program Advisor on programadvice@newcastle.edu.au

Transition Arrangements

Core Courses

Pre-2025 Program Structure

Complete 170 units compulsory

SENG2260 Human-Computer Interaction

2025 Program Structure

Complete 160 units compulsory

Transition Arrangements

Removed from core and added as compulsory in Software Development Major. If you commenced prior to 2025, you will continue to complete SENG2260.

NOTE: table lists courses with changes only, all other core requirements remain unchanged

Software Development Major

Complete 30 units compulsory and 30 units from course list.

Complete 40 units compulsory and 20 units from course list.

Compulsory

SENG2200 Programming Languages and Paradigms

SENG2260 Human-Computer Interaction

INFT3100 Project Management

INFT3100 Project Management

SENG3320 Software Verification and Validation

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SENG4430 Software Quality

If you have completed SENG2200, you will continue to complete the pre-2025 program structure.

If you have NOT completed SENG2200 but have completed 30 units from the course list, you will continue to complete the pre-2025 program structure and will be required to complete SENG4430 in place of SENG2200.

Course List

INFT2150 Business Analysis

SENG2050 Web Engineering

COMP3260 Data Security

COMP3320 Computer Graphics

COMP3350 Advanced Database

INFT3950 Games Design

INFT3960 Games Production

INFT2060 Applied Artificial Intelligence

INFT2150 Business Analysis

SENG2050 Web Engineering

COMP3260 Data Security

COMP3320 Computer Graphics

COMP3350 Advanced Database

INFT3060 Cloud Computing

INFT3950 Games Design

INFT3960 Games Production

SENG4400 Enterprise Software Architectures

If you have completed any removed courses, these will continue to count toward the course list.

Cyber Security Major

Complete 40 units compulsory and 20 units from course list.

Compulsory

INFT2031 Systems and Network Administration

COMP3260 Data Security

COMP3500 Security Attacks: Analysis and Mitigation Strategies

COMP3600 Cyber Security Governance, Risk, and Compliance

Complete 40 units compulsory and 20 units from course list.

INFT2031 Systems and Network Administration

COMP3260 Data Security

COMP3500 Security Attacks: Analysis and Mitigation Strategies

COMP3600 Cyber Security Governance, Risk, and Compliance

If you have completed core course SENG2260 but wish to move to the 2025 program structure, SENG2260 will count as an elective. Please contact Program Advice to have your program planner updated.

If you have not completed core course SENG2260 and wish to move to the 2025 program structure, you can complete an additional elective in place of SENG2260. Please contact Program Advice to have your program planner updated.

Course List

INFT2051 Mobile Application Programming

COMP3330 Machine Intelligence

COMP3340 Data Mining

COMP3350 Advanced Database

INFT3050 Web Programming

INFT3100 Project Management

SENG3320 Software Verification and Validation

SENG4430 Software Quality

INFT1060 Cybersecurity Fundamentals

INFT2051 Mobile Application Programming

COMP3330 Machine Intelligence

COMP3340 Data Mining

COMP3350 Advanced Database

INFT3050 Web Programming

INFT3060 Cloud Computing

INFT3100 Project Management

SENG4430 Software Quality

If you have completed any removed courses, these will continue to count toward the course list.

Computer Systems and Robotics Major (Discontinued from 2025)

Pre-2025 Program Structure

Complete 50 units compulsory and 10 units from course list.

2025-2026 Program Structure

Complete 50 units compulsory and 10 units from course list.

2027 Program Structure

Complete 50 units compulsory and 10 units from course list.

Compulsory

ELEC1710 Digital and Computer Electronics 1

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If you commenced prior to 2025, you can continue to complete this major as per the teach-out arrangements.

MATH1120 Mathematics for Engineering, Science and Technology 2

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ELEC2720 Introduction to Embedded Computing

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COMP3290 Compiler Design

COMP3290 Compiler Design

COMP3930 Advanced Machine Learning

If you have NOT completed COMP3290 before 2027, you will be required to complete COMP3930 in its place.

COMP3330 Machine Intelligence

COMP3330 Machine Intelligence

COMP3330 Machine Intelligence

Course List

SENG2200 Programming Languages and Paradigms

COMP3320 Computer Graphics
COMP3350 Advanced Database

COMP3350 Advanced Database
COMP3370 Computer Vision and Graphics

If you have completed any removed courses, these will continue to count toward the course list.

COMP3320 Computer Graphics
COMP3350 Advanced Database

Artificial Intelligence Major (New Major from 2025)

Students wishing to complete the new Artificial Intelligence major may do so, providing all completed courses fit within the 2025 program structure.

Note: Compulsory courses COMP3930 and COMP3730 will not be offered until 2027, if you wish to complete prior to 2027, you will not be able to complete this major.

If you commenced prior to 2025 and would like to complete the Artificial Intelligence major, please contact [Program Advice](#).

Frequently Asked Questions

Am I required to complete SENG2260 now that it has been removed as a core course?

All Software Development and Computer Systems and Robotics major students will still be required to complete SENG2260 as either a core or compulsory major course. Cyber Security major students will continue to complete SENG2260 as a core course unless they wish to follow the 2025 program structure.

Can I continue to complete and graduate with a major in Computer Systems and Robotics?

Yes! Students who commenced prior to 2025 will be able to continue the Computer Systems and Robotics major however some course requirements may change. COMP3290 and COMP3320 will be offered for the last time in 2026; alternate course options will be available from 2027 to ensure students can meet their major requirements.

Can I complete the new Artificial Intelligence major?

If all completed courses fit within the new program structure and major, you may choose to complete the new Artificial Intelligence major. Please note however, that COMP3930 and COMP3730 will not be offered until 2027, if you wish to complete prior to 2027, you will not be able to complete this major.

I have further questions or concerns about this transition arrangement, who do I contact?

If you have any questions or concerns with the outlined transition arrangement, please do not hesitate to reach out to the Program Advice team through askuon@newcastle.edu.au. The Program Advice team are happy to assist you in interpreting these changes and their impact on your future progression.