Overview

This 11 month program will provide students with the opportunity to pursue a degree in Computer Science that will lead to a career in a discipline of Computer Science or related area. Students will complete a set of eight science and engineering courses in addition to a Communication and Academic Literacy course. Credit will be granted towards the Bachelor of Computer Science for each of the eight science and engineering courses which are all equivalent to First-Year UNSW courses. After successful completion of all nine courses, students will receive advanced standing equivalent to one year (48 UOC) towards their degree program and move into the Bachelor of Computer Science at UNSW Sydney.

In this Diploma program students will be able to experience a university environment and university life, while being supported to acquire all of the knowledge and skills needed for successful transition to undergraduate studies at UNSW. Students receive a solid background in science through their science courses, while some of the engineering courses they may choose provide them with the opportunity to engage in real-life situations including the design and construction of engineering prototypes. The courses in this program are equivalent in content and outcomes to First-Year UNSW courses but the delivery pace is slower and the face-to-face contact hours are greater. The course structure allows students to get accustomed to University learning styles - in Lectures, Laboratories, and Problem-Solving Workshops - while receiving additional support, as required, for the duration of the diploma program.
Faculty
UNSW Global

Campus
Kensington

Study Level
Undergraduate

Typical duration
1 Years

Delivery Mode
Face-to-face

Intake Period
Term 1, Term 2, Term 3

Academic Calendar
3+ Calendar

Minimum Units of Credit
54

Award type
Diploma

Award(s)
Diploma in Computer Science - DipCompSc

CRICOS Disclaimer
Important Information for International Students
Learning Outcomes

1. Demonstrate skill in approaching and solving problems and in treating data.
   Leaders Scholars

2. Apply a working knowledge of fundamental scientific principles, methods of investigation, and an appreciation for objectivity and precision.
   Professionals Scholars

3. Interpret technical instructions to enable successful completion of practical experiments.
   Leaders

4. Communicate clearly by written and oral means.
   Professionals

5. Identify relationships between principles, theories, and conceptual frameworks in the mathematical and information sciences which underpin computer science.
   Scholars Professionals

6. Describe the significance of science and technology in modern society.
   Global Citizens Leaders

Graduate Capabilities:

For more information on Graduate Capabilities, please click on this link.
Program Structure

Students must complete 54 UOC as a standalone program.

Communication and Academic Literacy Core Courses

Students must take the following courses.

These courses are requirements of the Diploma in Computer Science but no credit is granted for these courses towards the Bachelor of Computer Science Degree. The course is separated into 3 components because it is taught over 3 terms.

DPGE1001  |  4 UOC
Communication and Academic Literacy 1

DPGE1002  |  1 UOC
Communication and Academic Literacy 2

DPGE1003  |  1 UOC
Communication and Academic Literacy 3

Core Courses

Students must take 24 UOC of the following courses.

DPST1013  |  6 UOC
Mathematics 1A

DPST1014  |  6 UOC
Mathematics 1B

DPST1091  |  6 UOC
Introduction to Programming

DPST1092  |  6 UOC
Computer Systems Fundamentals

Prescribed Electives
Students must take 24 UOC of the following courses.

**DPST1023**  6 UOC  
Higher Physics 1A

**DPST1024**  6 UOC  
Higher Physics 1B

**DPST1051**  6 UOC  
Molecules, Cells and Genes

**DPST1052**  6 UOC  
Applied Biomolecular Sciences

**DPST1071**  6 UOC  
Introduction to Engineering Design and Innovation

**Enrolment Disclaimer**

Unless advised otherwise by your program authority, you should follow the rules for the handbook for the year you commenced your program. You are also responsible for ensuring you enrol in courses according to your program requirements. myUNSW enrolment checks that you have met enrolment requirements such as pre-requisites for individual courses but not that a course will count towards your program requirements.
Related Programs

Diploma in Engineering - DipE 7002 Engineering

Faculty: UNSW Global
Campus: Kensington
Units of Credit: 54
Typical Duration: 1 Years

Read More
Admission Requirements

Entry Requirements

For admission to the Diploma, an applicant is expected to have completed Secondary School or the equivalent, such as University Foundation Studies, prior to commencement of their studies. For further details, including a statement on English language requirements, please see the Diplomas website: https://www.unswglobal.unsw.edu.au/programs-courses/diplomas/

For more information about admission requirements for various UNSW programs, visit the following website(s):

Domestic Students
International Student
Program Requirements

Progression Requirements

Students must complete and receive a minimum of a Pass grade in 9 courses (including the Communication and Academic Literacy course) to be eligible for a Diploma and to be guaranteed articulation into second year of the Bachelor of Computer Science program (3778) at UNSW.

If any of the situations below arise, students must show cause in order to be allowed to continue with the program:

- Failing the same course twice
- Not completing 50% of the required diploma courses within 12 months
- Not completing all 9 required courses within 24 months

For more information on university policy on progression requirements please visit Academic Progression.
Additional Information

Academic Program Rules

1. Students must complete a minimum of 48 Units of Credit.

2. The diploma program is a full-time program. Only in exceptional circumstances, with permission of the Pro-Vice Chancellor (Education) or their nominee, will students be permitted to enrol in the diploma program with a reduced study load.

3. Students must complete nine courses. Successful completion of a course means that a student must achieve a Pass or better in the course.

4. Students must show cause not to be discontinued from the program if they have any of the following:
   
   - Two fails in the same course
   - Not completed 50% of the Diploma within 12 months
   - Not completed all nine courses within 24 months

5. Students enrolled in the Diploma will not be eligible for Program Leave except under exceptional circumstances, and with the permission of the Pro-Vice Chancellor (Education) or their nominee.
Program Fees

At UNSW fees are generally charged at course level and therefore dependent upon individual enrolment and other factors such as student's residency status. For generic information on fees and additional expenses of UNSW programs, click on one of the following:

Domestic Students
Commonwealth Supported Students
International Students
Pre-2019 Handbook Editions

Access past handbook editions (2018 and prior)

Pre-2019 Handbook Editions