Overview

The Bachelor of Science (Honours) program in Computer Science and Engineering is a 1 year full-time or 2 year part-time award undertaken by eligible students after completion of a 3 year Bachelor of Science program in a relevant discipline and offers students an opportunity to deepen their understanding of the discipline through the completion of advanced coursework and a research thesis.

The goals of the program are to:

- Provide advanced training to enable graduates to competently undertake sophisticated computing tasks in industry and commerce.
- Provide investigative academic training in preparation for undertaking postgraduate research, through Masters and PhD programs.

In attaining these goals the following objectives are considered important:

- To expand the scope and depth of training, by coursework, in chosen areas.
- To foster the development of personal initiative and group interaction by encouraging individual and cooperative investigation of topics of interest.
- To foster the development of creativity and project management by the planning and undertaking of significant project work in the form of a research thesis.
- To promote the development of verbal and written presentation skills.
- To provide an environment for open and free enquiry based on the accepted tenets of academic scepticism.
- To expose students to the rigour and excitement of novel enquiry.
**Faculty**
Faculty of Engineering

**Campus**
Kensington

**Study Level**
Undergraduate

**Typical duration**
1 Years

**Delivery Mode**
Face-to-face

**Intake Period**
Term 1, Term 3

**Academic Calendar**
3+ Calendar

**Minimum Units of Credit**
48

**Award type**
Bachelors Honours

**Award(s)**
Bachelor of Science (Honours) - BSc (Hons)

**CRICOS Code**
084277J
Program Structure

Students must complete 48 UOC as a standalone program.

The Bachelor of Science (Honours) consists of 48 UOC comprising:

1. COMP4961 Computer Science Thesis A (6 UOC)
2. COMP4962 Computer Science Thesis B (6 UOC)
3. COMP4963 Computer Science Thesis C (6 UOC)
4. COMP electives level 4 or higher (30 UOC)

Specialisation Requirements

Students must complete at least one of the specialisations below.

HONOURS:

BINFBH | 48 UOC
Computational Biology

COMPAH | 48 UOC
Computer Science

Sample Programs

To access sample program(s), please visit:

Comp Sci & Eng (Honours)

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.
Admission Requirements

Entry Requirements

Admission to the Bachelor of Science (Honours) is subject to:

- Completion of a 3 year BSc in Computer Science or Bioinformatics at UNSW or equivalent; and
- An overall weighted average (WAM) mark of 65 or higher.
- Nomination of a suitable thesis topic which will be subject to the availability of a suitable supervisor.

Applications for this program should be made via Apply Online.

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

Domestic Students
International Student
Program Requirements

Progression Requirements

Progression rules are in accordance with university policy.

For more information on university policy on progression requirements please visit Academic Progression.
Professional Outcomes

Accreditations

Professional institutes that offer accreditation on completion of this program:

- Australian Computer Society
Recognition of Achievement

University Medal

The University Medal is awarded to recognise outstanding academic performance by a bachelor degree student in line with the University Medal Policy and University Medal Procedure.

Honours Classes

Honours is awarded under the following principles:

- Honours Class 1 - WAM of 85 and over
- Honours Class 2, Division 1 - WAM of 75 to less than 85
- Honours Class 2, Division 2 - WAM of 65 to less than 75
- Honours Class 3 - WAM of 50 to less than 65

The WAM is based on an average of results in courses required for completion of the degree. Courses are weighted by their unit of credit value.

Students with a WAM of 85 or higher will be considered for the university medal consistent with the UNSW Medal Procedure.
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
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Authorised by Deputy Vice-Chancellor (Academic)
CRICOS Provider Code 00098G
ABN: 57 195 873 179