Computing and Cyber Security (Honours)

4517 | 48 Units of Credit

Overview

The Bachelor of Computing and Cyber Security (Honours) degree is intended for students wishing to deepen their knowledge and develop more advanced, independent research skills. The student will undertake courses that will extend their knowledge in their chosen topic area as well as enhancing their research skills. A major project will be undertaken that will result in a thesis dissertation of between 20,000 and 35,000 words. The dissertation may be larger or smaller depending on the project, the production of a specific Computing and Cyber Security artefact and discussion with the Honours supervisor.

A student must obtain, usually over one year of study, a minimum of 48 units of credit approved by the Head of School.

- The course work component will normally consist of four discipline-based courses (24 UOC) and two research courses (24 UOC).
- The thesis component will be examined by two examiners, neither of whom will be the thesis supervisor.
<table>
<thead>
<tr>
<th><strong>Faculty</strong></th>
<th>UNSW Canberra at ADFA</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Campus</strong></td>
<td>Canberra</td>
</tr>
<tr>
<td><strong>Study Level</strong></td>
<td>Undergraduate</td>
</tr>
<tr>
<td><strong>Typical duration</strong></td>
<td>1 Years</td>
</tr>
<tr>
<td><strong>Delivery Mode</strong></td>
<td>Face-to-face</td>
</tr>
<tr>
<td><strong>Academic Calendar</strong></td>
<td>UNSW Canberra Calendar</td>
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<tr>
<td><strong>Minimum Units of Credit</strong></td>
<td>48</td>
</tr>
<tr>
<td><strong>Award type</strong></td>
<td>Bachelors Honours</td>
</tr>
<tr>
<td><strong>Award(s)</strong></td>
<td>Bachelor of Computing and Cyber Security (Honours) - BCompCybSec (Hons)</td>
</tr>
</tbody>
</table>
Learning Outcomes

1. Demonstrate communication skills to present a clear and coherent exposition of knowledge and ideas to a variety of audiences.

2. Plan and execute a piece of research or a professional project with some independence.

3. Reflect critically on existing theoretical knowledge, ideas and practice within computing and cyber security to undertake address the research topic.

4. Demonstrate critical thinking and judgement, personal autonomy and accountability in the acquisition and application of knowledge and skills.

5. Demonstrate an understanding of the ethical and social factors involved in the utilisation of computing in the service of the community in a global environment.

6. Demonstrate an understanding of specialised knowledge in computing and cyber security.

Graduate Capabilities:

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

Students must complete 48 UOC as a standalone program.

1. Research project - 24 UOC
2. Coursework - 24 UOC

**Core Courses**

Students must take 24 UOC of the following courses.

<table>
<thead>
<tr>
<th>- Course Code</th>
<th>UOC</th>
</tr>
</thead>
<tbody>
<tr>
<td>ZEIT4117</td>
<td>6</td>
</tr>
<tr>
<td>Computing and Cyber Security Honours Special Topic 1</td>
<td></td>
</tr>
<tr>
<td>ZEIT4118</td>
<td>6</td>
</tr>
<tr>
<td>Computing and Cyber Security Honours Special Topic 2</td>
<td></td>
</tr>
<tr>
<td>ZEIT4119</td>
<td>6</td>
</tr>
<tr>
<td>Computing and Cyber Security Honours Special Topic 3</td>
<td></td>
</tr>
<tr>
<td>ZEIT4120</td>
<td>6</td>
</tr>
<tr>
<td>Computing and Cyber Security Honours Special Topic 4</td>
<td></td>
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</tbody>
</table>

**Research Project**

Students must take 24 UOC of the following courses.

<table>
<thead>
<tr>
<th>- Course Code</th>
<th>UOC</th>
</tr>
</thead>
<tbody>
<tr>
<td>ZEIT4115</td>
<td>12</td>
</tr>
<tr>
<td>Computing and Cyber Security Honours Research 1</td>
<td></td>
</tr>
<tr>
<td>ZEIT4116</td>
<td>12</td>
</tr>
<tr>
<td>Computing and Cyber Security Honours Research 2</td>
<td></td>
</tr>
</tbody>
</table>

**Sample Programs**

To access sample program(s), please visit:

UNSW Canberra Bachelor of Computing and Cyber Security (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

To enrol for the award of the degree at Honours level, a student must have:

i) completed a relevant Computing and Cyber Security pass degree; or
ii) gained an equivalent approved award from elsewhere; and
iii) have achieved at least a credit average (65) across the entire undergraduate program including a credit average over the Level 3 core Computing and Cyber Security courses or equivalent courses.

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

Domestic Students
International Student
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

The Honours year will consist of a combination of course work contributing 50% to the total final mark and supervised academic research exercise / thesis contributing the remaining 50%.

The final grade will be determined by the addition of the marks for the coursework component to the mark awarded for the thesis component.

At the completion of their Honours program students will be awarded an honours grading as follows:

- Honours Class 1: WAM 85 or greater;
- Honours Class 2 Division 1: WAM 75 to 84;
- Honours Class 2 Division 2: WAM 65 to 74;
- Honours Class 3 or Pass: WAM 50 to 64.

The weighting for the class of Honours is WAM-based.

Please note that only courses completed as part of the Honours program will be included within an honours calculation.
Additional Information

Students who complete an Honours program and achieve an Honours Class 1 are well placed to apply for higher degree research degree (a Doctor of Philosophy (PhD) or a professional doctorate in Cyber Security (DCyberSec) or a research Masters (MSc) and scholarships such as the Australian Postgraduate Award (APA).

Further details on career opportunities for students who complete an Honours degree can be obtained from the School.
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