Gain the technical skills required to investigate and combat cyber-crime and cyber-terrorism.

Cyber security professionals are in high demand. Technology is pivotal to doing business in the 21st century and central to the society we live in. It is more important than ever that the data and systems providing digital services are safeguarded by ethical and skilled cyber security professionals.

Course structure

Bachelor of Cyber Security

Location: Melbourne Burwood Campus [ ], Geelong Waurn Ponds Campus [ ] and Cloud Campus [ ]
Duration: 3 years full-time study (or part-time equivalent)
Intake: March (Trimester 1), July (Trimester 2)
Deakin code: S334
ATAR score: \( B \) 61.10 \( WP \) 57.75 \( C \) 65.00
VTAC code: Melbourne Burwood Campus (1400514201), Geelong Waurn Ponds Campus (1400314201), Cloud Campus (1400614201)

The Bachelor of Cyber Security consists of 24 credit points of study, including 17 core units (including a core industry-based placement unit) and seven elective units. You can choose elective units from many course areas across the University according to your own interests and career aspirations, helping to diversify your degree.

Please visit deakin.edu.au/handbook for more information about this course, including further details of the structure and units involved.

Course overview

Deakin’s Bachelor of Cyber Security will give you the skills needed to effectively and strategically respond to cyber security challenges from both a technical and organisational perspective. You will gain a solid understanding of cyber security concepts and industry practices as well as the techniques and tools available to prevent and mitigate cyber security threats.

You will learn about digital forensics, watermarking techniques, encryption and digital rights management, and gain the technical skills required to investigate and combat cyber-crime and cyber-terrorism.

Professional industry experience

As a cyber security student, you will be required to undertake a minimum of 100 hours in industry, providing professional work experience with an approved host organisation. Alternatively, high-achieving students may have the opportunity to undertake an extended full-time paid Industry-Based Learning (IBL) placement. Students will also work on industry projects, gaining experience in entrepreneurship and business skills.

For more information, please visit deakin.edu.au/sebe/wil.

Replicate cyber-attacks

Deakin’s cyber security learning spaces use specialised software to enable practice of real world cyber-attack and response scenarios.

You will have the opportunity to reflect on the need for cyber security in a working environment, and the various solutions that might apply. The course focuses on both technical and business aspects and sets you up with strong skills in critical thinking and problem solving.

You will be able to apply your learning in the workplace, and capably deal with imminent threats and challenges from the digital space where interconnected vehicles, drones, smart home gadgets, mobile and wearable devices, and health-kits abound.

Industry certifications

Students will be able to undertake three industry certifications as part of their Cyber Security degree for no additional cost.

Once successfully completed you will be a certified Computer Hacking Forensic Investigator (CHFI), Council Certified Security Analyst (CCSA) and Certified Ethical Hacker (CEH). These industry certifications are recognised globally and prove your competence and proficiency in these highly-skilled cyber security areas.

1 Lowest selection rank of an applicant to which an offer was made in 2018
2 Industry certifications will be available to students from 2019.
I work with clients to assess their applications and infrastructure from an offensive point of view. Masquerading as a malicious attacker, we conduct penetration tests by attempting to find vulnerabilities and exploit systems both externally and internally.

Michael Monnik
Bachelor of Cyber Security graduate

Course accreditation
The Bachelor of Cyber Security is professionally accredited with the Australian Computer Society (ACS), providing international recognition and graduate eligibility for membership of the ACS.

Career opportunities
As a cyber security graduate you may pursue a career as a risk analyst, information security specialist, cyber security consultant, security auditor, security manager and with experience take on roles such as Chief Security Officer (CSO), Cyber Security Analyst (Cyber Threat and Incident Response), Cyber Security Consultant / Advisor, Cyber Security Designer and Cyber Security Auditor / Governance Manager.

An honours year is available for high-achieving students upon completion of this degree.

Interested in applying?

Entry requirements

Entry for applicants with recent secondary education (previous three years) will be based on their performance in the Victorian Certificate of Education (VCE) or its equivalent, with pre-requisite units 3 and 4; a study score of at least 25 in English EAL (English as an additional language) or 20 in English other than EAL.

Entry for applicants with previous Tertiary, VET, life or work experience will be based on their performance in:

• Senior Secondary Certificate of Education with ATAR of at least 50 or equivalent OR
• Certificate IV in a related discipline OR
• Diploma in any discipline or 50% completion of Diploma in a related discipline OR
• Successful completion of relevant study – equivalent to at least two Deakin University units – at an accredited higher education institution OR
• Evidence of academic capability judged to be equivalent, including Foundation program approved by Faculty Board, or relevant work or life experience

How to apply
Depending on your course, our flexible trimester system means you may be able to start in Trimester 1 (March), 2 (July) or 3 (November).

If you’re currently enrolled in Year 12 (in 2018), applications for Trimester 1 must be made through VTAC, www.vtac.edu.au. Note that when you apply via VTAC, you can’t also apply directly to Deakin.

Conversely, you can apply directly to Deakin for Trimester 1 if you’re not currently enrolled in Year 12 and you haven’t submitted a VTAC application (so long as you’re just applying for one course).

Applications for Trimester 2 or 3 should be made directly to Deakin via the applicant portal, deakin.edu.au/apply.