Bachelor of Cyber Security

Undergraduate

DEAKIN UNIVERSITY

Course overview

Cyber security is a growing issue for individuals and businesses alike. Technology is not only pivotal to business in the 21st century, but to living everyday life. As a result, cyber security professionals are in high demand around the world. Deakin's Bachelor of Cyber Security equips you with the essential skills to investigate and combat cyber crime and cyber terrorism. This vital experience is required to address what's quickly becoming the number one criminal threat to modern-day society.

Gain strong practical and theoretical knowledge with an emphasis on assessing cyber security in a working environment, and the business, ethical and legal implications of risk management. You will cover areas such as computer crime and digital forensics and gain the skills to identify, diagnose and manage the challenges of cyber security. As a graduate, you'll be well on your way to an exciting career in an in-demand, global industry.

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**.

Course accreditation

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

Course structure

Bachelor of Cyber Security

Location: Melbourne Burwood Campus B , Geelong Waurn Ponds Campus WP and Cloud Campus C
Duration: 3 years full-time study (or part-time equivalent)
Intake: March (Trimester 1), July (Trimester 2)
Deakin code: S334
ATAR score[1]: B 63.5 WP 62.35 C N/A[2]
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 16 core units (including a core industry-based placement unit), 4 units from a minor and 4 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.

You will also complete three zero credit point units relating to work placement, safety and academic integrity.

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

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.

1 Lowest selection rank of an applicant to which an offer was made in 2020.

2 The ATAR is 'unpublished'. 'Unpublished' means the course is available at this campus, but the lowest selection rank of an applicant to which an offer was made isn't available.

deakin.edu.au/course/S334

Industry certifications

Students will be able to undertake four industry certifications as part of their cyber security degree for no additional cost.

Certifications include Cybersecurity Fundamentals (CSX), Computer Hacking Forensic Investigator (CHFI), Certified Ethical Hacker (CEH) and Certified Security Analyst (ECSA). These industry certifications are recognised globally and prove your competence and proficiency in these highly-skilled cyber security areas.

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.

Hear what our students have to say
deakin.yt/cyber-sec

Interested in applying?

Entry requirements

Entry for applicants with recent secondary education* will be based on their performance in a Senior Secondary Certificate of Education, 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:

- 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 or a recent secondary applicant (ie. have completed Year 12 in the past two years) your application 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, if you have previous higher education, VET or work experience, you can apply directly to Deakin.

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

* Includes those currently enrolled in Year 12 and those who have completed Year 12 in the past two years.

1800 MYFUTURE (1800 693 888)
myfuture@deakin.edu.au

deakin.edu.au/course/S334

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