

Graduate Certificate in Cyber Security (ITC103.1)

Please note these are the 2027 details for this course

Domestic students

Selection rank	
Delivery mode	Online
Location	Bruce, Canberra
Duration	1.0 years
Faculty	Faculty of Science and Technology
Discipline	Academic Program Area - Technology
UAC code	
English language requirements	An IELTS Academic score of 6.5 overall, with no band score below 6.0 (or equivalent).
View IELTS equivalences	

International students

Academic entry requirements	To study at UC, you'll need to meet our academic entry requirements and any admission requirements specific to your course. Please read your course admission requirements below. To find out whether you meet UC's academic entry requirements, visit our academic entry requirements page.
View UC's academic entry requirements	

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CRICOS code	
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About this course

Step into the future of protecting digital infrastructure with Cyber Security at UC.

Expertly designed for graduates and professionals looking to elevate their technical knowledge in cyber security, UC's Graduate Certificate in Cyber Security offers a comprehensive qualification that will prepare you to protect our digital landscape. Taught with an Australian perspective, you'll explore the nuances of local, national and international threats and how to navigate them.

Enjoy the ultimate flexibility by studying cyber security 100% online. You'll be able to tackle one subject at a time over a longer semester (minimum 9 weeks). With our unique structure, you can breeze through the course part-time in just 12 months. With an average of just 10 hours of study per week, you'll maintain a work-life balance with UC's online learning.

Study with reduced fees

UC's Graduate Certificate in Cyber Security offers Commonwealth Supported Places (CSP) to domestic students. This means the Australian Government has subsidised a portion of your course, reducing the total balance you are required to pay (known as the student contribution amount).

Study UC's Graduate Certificate in Cyber Security and you will:

- Learn threat detection, mitigation, and how to apply attack frameworks and leverage data intelligence to spot and stop cyber threats in their tracks.
- Boost your organisation's digital resilience by mastering cyber security governance frameworks and regulatory requirements.
- Stay on the cutting edge by exploring the latest in quantum computing, AI, zero trust, the internet-of-things, social engineering and cryptography to stay ahead of cyber threats.
- Learn to bridge the gap between technical and non-technical stakeholders in cyber security.
- Master the art of effective communication, ensuring swift responses to cyber incidents that align with your organisation's established processes.

Industry approved: this course has been developed in collaboration with Cisco and offers students access to globally and local renowned talent via guest lectures and module integration.

Work Integrated Learning

At UC, you don't just learn theory. Our coursework is packed with practical tasks, real-world projects and industry engagement. You'll have the chance to work directly with industry experts, including Cisco, to gain the insights and skills you need for your career.

Test out ideas and build your practical skills via UC's sandbox virtual lab environment. You'll have access to cloud services such as Microsoft Azure, ensuring you engage in practical exercises from the comfort of your home.

Career opportunities

A postgraduate cyber security qualification from UC can open doors to an exciting range of career paths in the rapidly growing field of cyber security. With the skills and knowledge gained from this course, you could pursue future cyber security jobs such as:

- Cyber Security Analyst
- Cyber Threat Intelligence Analyst
- Incident Response Specialist
- Information Security Consultant
- IT Governance Specialist
- IT Security Auditor
- Risk and Compliance Officer
- Security Architect
- Security Consultant
- Security Operations Centre (SOC) Analyst

Course-specific information

Recognition of prior learning (RPL) may be awarded for work experience exceeding 10 years in a related field of study. Less than 10 years may be accepted on a case-by-case basis.

UC's Graduate Certificate in Cyber Security also serves as a foundation of further study. Graduates can apply their completed units for course credit towards a Master of Cyber Security.

Are you ready to become a formidable digital defender?

Download your free course brochure to learn more about UC's online Graduate Certificate in Cyber Security.

[Download your free course brochure](#)

Professional accreditation

None.

Admission requirements













Australian Bachelor qualification in any field or equivalent.

You can use professional experience and prior learning to enter into a postgraduate qualification at UC through our Professional Pathway Entry program. If you have significant work experience or hold industry-recognised qualifications, this program could be your route to bypass undergraduate study and accelerate your career. Explore Professional Pathway Entry <https://www.canberra.edu.au/future-students/get-into-uc/admissions-programs/professional-pathway-entry>

Assumed knowledge

None.

Periods course is open for new admissions

Year	Location	Teaching period	Teaching start date	Domestic	International
2027	Bruce, Canberra	Semester 2 	09 August 2027		
2027	Bruce, Canberra	Summer Semester 			
2027	Bruce, Canberra	Semester 1 	15 February 2027		
2027	Bruce, Canberra	Winter Term 	07 June 2027		

Credit arrangements

There are currently no formal credit transfer arrangements for entry to this course. Any previous study or work experience will only be considered as part of the application process in accordance with current [course rules and university policy](#).

Course requirements

Graduate Certificate in Cyber Security (ITC103) | 12 credit points

Required - Must pass 12 credit points as follows

[Expand All](#) | [Collapse All](#)

Principles of Modern Cyber Attacks and Defence G (12129) | 3 credit points — Level G

Cyber Security Compliance and Risk Management G (12130) | 3 credit points — Level G

Digital Infrastructure Security G (12131) | 3 credit points — Level G

Artificial Intelligence and Emerging Technologies for Cyber Security G (12132) | 3 credit points — Level G

In addition to course requirements, in order to successfully complete your course you must meet the inherent requirements. Please refer to the [inherent requirements statement](#) applicable to your course

Typical study pattern

UC - Canberra, Bruce

Standard Part Time, Semester 1 Commencing

Year 1

Semester 1

[Principles of Modern Cyber Attacks and Defence G \(12129\)](#)

Semester 2

[Digital Infrastructure Security G \(12131\)](#)

Summer Semester

[Artificial Intelligence and Emerging Technologies for Cyber Security G \(12132\)](#)

Winter Term

[Cyber Security Compliance and Risk Management G \(12130\)](#)

Course information

Course duration

Standard 1 year part-time. Maximum 3 years from date of enrolment to date of course completion. This course is only available for part-time enrolment.

Learning outcomes

Learning outcomes	Related graduate attributes
Formulate comprehensive infrastructure security strategies through the analysis of cyber security architectures, integration of security tools and techniques and implementation of incident response methodologies.	<p>UC graduates are professional: Communicate effectively; use creativity, critical thinking, analysis and research skills to solve theoretical and real-world problems.</p> <p>UC graduates are global citizens: Communicate effectively in diverse cultural and social settings; make creative use of technology in their learning and professional lives; behave ethically and sustainably in their professional and personal lives.</p> <p>UC graduates are lifelong learners: Reflect on their own practice, updating and adapting their knowledge and skills for continual professional and academic development; adapt to complexity, ambiguity and change by being flexible and keen to engage with new ideas.</p> <p>UC graduates are able to demonstrate Aboriginal and Torres Strait Islander ways of knowing, being and doing: Use local Indigenous histories and traditional ecological knowledge to develop and augment understanding of their discipline.</p>
Develop and apply advanced knowledge and practical skills in contemporary cyber attack and defence techniques, procedures and strategies.	<p>UC graduates are professional: Employ up-to-date and relevant knowledge and skills; communicate effectively; use creativity, critical thinking, analysis and research skills to solve theoretical and real-world problems; take pride in their professional and personal integrity.</p> <p>UC graduates are global citizens: Think globally about issues in their profession; communicate effectively in diverse cultural and social settings; make creative use of technology in their learning and professional lives; behave ethically and sustainably in their professional and personal lives.</p> <p>UC graduates are lifelong learners: Reflect on their own practice, updating and adapting their knowledge and skills for continual professional and academic development; be self-aware; adapt to complexity, ambiguity and change by being flexible and keen to engage with new ideas.</p>

UC graduates are able to demonstrate Aboriginal and Torres Strait Islander ways of knowing, being and doing: Use local Indigenous histories and traditional ecological knowledge to develop and augment understanding of their discipline.

Effectively communicate cyber security concepts and strategies to a diverse audience, including technical specialists and non-technical stakeholders, both individually and collaboratively within a team environment.

UC graduates are professional: Communicate effectively; use creativity, critical thinking, analysis and research skills to solve theoretical and real-world problems.

UC graduates are global citizens: Communicate effectively in diverse cultural and social settings.

UC graduates are lifelong learners: Reflect on their own practice, updating and adapting their knowledge and skills for continual professional and academic development; adapt to complexity, ambiguity and change by being flexible and keen to engage with new ideas.

UC graduates are able to demonstrate Aboriginal and Torres Strait Islander ways of knowing, being and doing: Use local Indigenous histories and traditional ecological knowledge to develop and augment understanding of their discipline.

Evaluate cyber security governance frameworks and regulatory requirements, including their implications for organisational practices and compliance.

UC graduates are professional: Employ up-to-date and relevant knowledge and skills; communicate effectively; use creativity, critical thinking, analysis and research skills to solve theoretical and real-world problems; take pride in their professional and personal integrity.

UC graduates are global citizens: Think globally about issues in their profession; communicate effectively in diverse cultural and social settings; make creative use of technology in their learning and professional lives; behave ethically and sustainably in their professional and personal lives.

UC graduates are lifelong learners: Reflect on their own practice, updating and adapting their knowledge and skills for continual professional and academic development; be self-aware; adapt to complexity, ambiguity and change by being flexible and keen to engage with new ideas.

UC graduates are able to demonstrate Aboriginal and Torres Strait Islander ways of knowing, being and doing: Use local Indigenous histories and traditional ecological knowledge to develop and augment understanding of their discipline.

Appraise adaptability to artificial intelligence and emerging technologies and threats in the cyber security landscape.

UC graduates are professional: Communicate effectively; use creativity, critical thinking, analysis and research skills to solve theoretical and real-world problems.

UC graduates are lifelong learners: Reflect on their own practice, updating and adapting their knowledge and skills for continual professional and academic development; adapt to complexity, ambiguity and change by being flexible and keen to engage with new ideas.

Awards

Award	Official abbreviation
Graduate Certificate in Cyber Security	GradCert CyberSecurity

Honours

None.

Enquiries

Student category	Contact details
Current and Commencing Students	In person, Student Centre Building 1 or Email Student.Centre@canberra.edu.au
Prospective International Students	Email international@canberra.edu.au or Phone +61 2 6201 5342
Prospective Domestic Students	Email study@canberra.edu.au or Phone 1800 UNI CAN (1800 864 226)

Download your course guide



Scholarships

Find the scholarship that's the right fit for you

[Explore Scholarships](#)

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University of Canberra, Bruce ACT 2617 Australia

+61 2 6201 5111

ABN 81 633 873 422

CRICOS 00212K

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UC acknowledges the Ngunnawal people, traditional custodians of the lands where Bruce campus is situated. We wish to acknowledge and respect their continuing culture and the contribution they make to the life of Canberra and the region. We also acknowledge all other First Nations Peoples on whose lands we gather.