BACHELOR OF CYBER SECURITY AND BEHAVIOUR (1837)

Approved Abbreviation: BCyberSecBehav
Western Sydney University Program Code: 1837

CRICOS Code: 094541D

This program applies to students who commenced in Autumn 2022 or later.

Students should follow the program structure for the session start date relevant to the year they commenced.

For Commencement Year Spring 2021 - please refer to 1837.3 Bachelor of Cyber Security and Behaviour (http://handbook.westernsydney.edu.au/hbook/course.aspx?course=1837.3)

For Commencement Year 2019 to Autumn 2021 - please refer to 1837.2 Bachelor of Cyber Security and Behaviour (http://handbook.westernsydney.edu.au/hbook/course.aspx?course=1837.2)

For Commencement Year 2017 to 2018 - please refer to 1837.1 Bachelor of Cyber Security and Behaviour (http://handbook.westernsydney.edu.au/hbook/course.aspx?course=1837.1)

This program teaches you the technical components of cyber security, while emphasising the human behaviours that lead to poor cyber security practices. The program meets the pressing need for the application of behavioural sciences and research to understand cyber security issues in the context of decision-making, human errors, crime that deceives both humans and technical systems, social influence, organisational cultures and vulnerable populations. As cyber threats become more sophisticated and damaging across all types of organisations, cyber security has become one of the nation's top priorities. Students will gain a solid grounding in conventional computer and network security concepts and skills, and will be exposed to elite training in what is known as Blue and Purple Teams – Cyber Defence and Incident Response. This program leads to a range of rewarding career options for graduates. Examples include security architect, digital forensic officer, cyber intelligence, cyber safety officer, data security, security analyst, risk analytics, and cyber investigations.

Study Mode
Three years full-time or six years part-time.

Program Advice
APAcybersecurity@westernsydney.edu.au

Prospective students should visit the following websites for general enquiries about this program.

Enquire about this program (https://enquiry.westernsydney.edu.au/courseenquiry/)| Local Admission (https://www.westernsydney.edu.au/future/) | International Admission (https://www.westernsydney.edu.au/international/home/apply/admissions/) |

Location

Campus	Attendance	Mode	Advice
Parramatta Campus - Victoria Road	Full Time	Internal	Program Advice (https://hbook.westernsydney.edu.auMailto:APAcybersecurity@westernsydney.edu.au)
Parramatta Campus - Victoria Road	Part Time	Internal	Program Advice (https://hbook.westernsydney.edu.a

Work Integrated Learning
Western Sydney University seeks to enhance student learning experiences by enabling students to engage in the culture, expectations and practices of their profession or discipline. This program includes a placement or other community-based unpaid practical experience.

There is an optional work component available in this program. Please contact the Program Advisor listed above for information.

International students should be aware that if an elective is a requirement of the program but the work itself was not registered with CRICOS, students can still complete these electives but it would be counted towards the work limitation. For more details, refer to the 'Work Integrated Learning (WIL) for international students' website.

Work Integrated Learning (WIL) for international students (https://www.westernsydney.edu.au/currentstudents/current_students/services_and_facilities/international_student_support/working_in_australia/work_integrated_learning/)

Admission
Students are admitted to the course via the Universities Admissions Centre (UAC).

Applications from Australian and New Zealand citizens and holders of permanent resident visas may be made via the Universities Admissions Centre (UAC) or directly through the Western Portal. Use the links below to apply via UAC or Western Sydney University. Applications made directly to Western Sydney do not have an application fee.

http://www.uac.edu.au/
https://westernsydney.uac.edu.au/ws/

Applicants who have undertaken studies overseas may have to provide proof of proficiency in English. Local applicants who are applying through the Universities Admissions Centre (UAC) will find details of minimum English proficiency requirements and acceptable proof on the UAC website. Local applicants applying directly to the University should also use the information provided on the UAC website.

International students currently completing an Australian Year 12 in or outside Australia, an International Baccalaureate in Australia or a New Zealand National Certificate of Educational Achievement (NCEA) level 3 must apply via UAC International.

http://www.uac.edu.au/

All other International applicants must apply directly to the University via the International Office.

International students applying to the University through the International Office can find details of minimum English proficiency requirements and acceptable proof on their website.

International Office (http://www.westernsydney.edu.au/international/)

Overseas qualifications must be deemed by the Australian Education International - National Office of Overseas Skills Recognition (AEI-NOOSR) to be equivalent to Australian qualifications in order to be considered by UAC and Western Sydney University.

Program Structure

Qualification for this award requires the successful completion of 240 credit points including the subjects listed in the recommended sequence below.

Recommended Sequence

Parramatta Campus

Full-time start-year intake

Course	Title	Credit Points
Year 1		
Autumn session		
BEHV 1026	Cyber Behaviour	10
HUMN 1064	Digital Identities	10
INFS 1002	Information Systems in Context	10
COMP 1005	Programming Fundamentals	10
	Credit Points	**40**
Spring session		
COMP 2004	Computer Networking	10
INFO 2004	Cyber Crime and Social Engineering	10
BEHV 1025	Usable Design	10
Select one elective		10
	Credit Points	**40**
Year 2		
Autumn session		
COMP 1013	Analytics Programming	10
MATH 2006	Experimental Design and Analysis	10
COMP 2020	Technologies for Web Applications	10
INFO 2006	Usable Security	10
	Credit Points	**40**
Spring session		
INFO 3001	Computer Security	10
From Autumn 2024 INFO 3001 Computer Security is replaced by COMP 2027 Cyber Security		
COMP 2027	Cyber Security	
INFO 2008	Cyber Incident Response and Risk Management (Subject INFO2008 is not offered online. Students enrolled in Western Online must take an additional elective unit instead.)	10
BEHV 3018	Psychology and the Online World	10
Select one elective		10
	Credit Points	**40**
Year 3		
Autumn session		
INFO 3016	Cyber Security and Behaviour Community Placement (1H)	20
INFO 3014	Digital Investigations and Forensics	10
INFO 3002	Ethical Hacking Principles and Practice	10
	Credit Points	**40**
Spring session		
INFO 3017	Cyber Security and Behaviour Industry Placement (2H)	20
Select two electives		20
	Credit Points	**40**
	Total Credit Points	**240**

Full-time mid-year intake

Course	Title	Credit Points
Year 1		
Spring session		
COMP 2004	Computer Networking	10
BEHV 1025	Usable Design	10
COMP 1005	Programming Fundamentals	10
Select one elective		10
	Credit Points	**40**
Autumn session		
BEHV 1026	Cyber Behaviour	10
HUMN 1064	Digital Identities	10
INFS 1002	Information Systems in Context	10
Select one elective		10
	Credit Points	**40**
Year 2		
Spring session		
INFO 3001	Computer Security	10
From Autumn 2024 INFO 3001 Computer Security is replaced by COMP 2027 Cyber Security		
COMP 2027	Cyber Security	
INFO 2008	Cyber Incident Response and Risk Management (Subject INFO2008 is not offered online. Students enrolled in Western Online must take an additional elective subject instead)	10
INFO 2004	Cyber Crime and Social Engineering	10
BEHV 3018	Psychology and the Online World	10
	Credit Points	**40**
Autumn session		
COMP 1013	Analytics Programming	10
MATH 2006	Experimental Design and Analysis	10
COMP 2020	Technologies for Web Applications	10
INFO 2006	Usable Security	10
	Credit Points	**40**
Year 3		
Spring session		
INFO 3016	Cyber Security and Behaviour Community Placement (2H)	20
Select two electives		20
	Credit Points	**40**
Autumn session		
INFO 3017	Cyber Security and Behaviour Industry Placement (1H)	20
INFO 3014	Digital Investigations and Forensics	10
INFO 3002	Ethical Hacking Principles and Practice	10
	Credit Points	**40**
	Total Credit Points	**240**

Western Sydney University Online (Continuing students only)

Please note this sequence is provided for the guidance of continuing students registered with WSU Online. The program will not be available for admission to WSU Online from 2023.

Full-time intake

Course	Title	Credit Points
Year 1		
Trimester 1		
BEHV 1026	Cyber Behaviour	10
HUMN 1064	Digital Identities	10
INFS 1002	Information Systems in Context	10
	Credit Points	**30**
Trimester 2		
COMP 2004	Computer Networking	10
COMP 1005	Programming Fundamentals	10
BEHV 1025	Usable Design	10
	Credit Points	**30**
Trimester 3		
COMP 1013	Analytics Programming	10
INFO 2004	Cyber Crime and Social Engineering	10
Select one elective		10
	Credit Points	**30**
Year 2		
Trimester 4		
MATH 2006	Experimental Design and Analysis	10
COMP 2020	Technologies for Web Applications	10
INFO 2006	Usable Security	10
	Credit Points	**30**
Trimester 5		
INFO 3001	Computer Security	10
From Autumn 2024 INFO 3001 Computer Security is replaced by COMP 2027 Cyber Security		
COMP 2027	Cyber Security	
BEHV 3018	Psychology and the Online World	10
Select one elective		10
	Credit Points	**30**
Trimester 6		
INFO 3016	Cyber Security and Behaviour Community Placement	20
Select one elective		10
	Credit Points	**30**
Year 3		
Trimester 7		
INFO 3017	Cyber Security and Behaviour Industry Placement	20
INFO 3014	Digital Investigations and Forensics	10
	Credit Points	**30**
Trimester 8		
INFO 3002	Ethical Hacking Principles and Practice	10
Select two electives		20
	Credit Points	**30**
	Total Credit Points	**240**

Part-time intake

Course	Title	Credit Points
Year 1		
Trimester 1		
BEHV 1026	Cyber Behaviour	10
HUMN 1064	Digital Identities	10
	Credit Points	**20**
Trimester 2		
INFS 1002	Information Systems in Context	10
COMP 1005	Programming Fundamentals	10
	Credit Points	**20**
Trimester 3		
COMP 2004	Computer Networking	10
BEHV 1025	Usable Design	10
	Credit Points	**20**
Year 2		
Trimester 4		
INFO 2004	Cyber Crime and Social Engineering	10
Select one elective		10
	Credit Points	**20**
Trimester 5		
COMP 1013	Analytics Programming	10
MATH 2006	Experimental Design and Analysis	10
	Credit Points	**20**
Trimester 6		
COMP 2020	Technologies for Web Applications	10
INFO 2006	Usable Security	10
	Credit Points	**20**
Year 3		
Trimester 7		
INFO 3001	Computer Security	10
From Autumn 2024 INFO 3001 is replaced by COMP 2027		
COMP 2027	Cyber Security	
BEHV 3018	Psychology and the Online World	10
	Credit Points	**20**
Trimester 8		
Select two electives		20
	Credit Points	**20**
Trimester 9		
INFO 3016	Cyber Security and Behaviour Community Placement	20
INFO 3014	Digital Investigations and Forensics	10
	Credit Points	**30**
Year 4		
Trimester 10		
INFO 3017	Cyber Security and Behaviour Industry Placement	20
INFO 3002	Ethical Hacking Principles and Practice	10
	Credit Points	**30**
Trimester 11		
Select two electives		20
	Credit Points	**20**
	Total Credit Points	**240**

Equivalent Subjects
The subjects listed below count towards completion of this program for students who passed these subjects in 2021 or earlier.

BEHV 1024 Applied Psychology, replaced by BEHV 1026 Cyber Behaviour

BEHV 1009 Living, Learning and Working on the Web, replaced by HUMN 1064 Digital Identities

INFO 3012 Cyber Security and Behaviour Placement 1, replaced by INFO 3016 Cyber Security and Behaviour Community Placement

INFO 3013 Cyber Security and Behaviour Placement 2 replaced, byINFO 3017 Cyber Security and Behaviour Industry Placement

Replaced Subjects
The subjects listed below count towards completion of this program for students who passed these subjects in 2023 or earlier.

INFO 3001 Computer Security

Minor elective spaces

Elective subjects may be used toward obtaining an additional approved minor (40 credit points). Western Sydney University offers minors in a range of areas including Sustainability and Indigenous Studies.

Global Sustainability Minor (https://hbook.westernsydney.edu.au/majors-minors/global-sustainability-minor/)
Indigenous Australian Studies Minor (https://hbook.westernsydney.edu.au/majors-minors/indigenous-australian-studies-minor/)

Western Sydney University also offers the following innovative transdisciplinary Challenge Minors (https://www.westernsydney.edu.au/educational_partnerships_and_quality/home/challenge_minors/) which we encourage those students who have elective space to consider.

Equitable Technologies (https://hbook.westernsydney.edu.au/majors-minors/equitable-technologies-minor/)
Urban Evolution (https://hbook.westernsydney.edu.au/majors-minors/urban-evolution-minor/)
Migration and Global Change (https://hbook.westernsydney.edu.au/majors-minors/migration-global-change-minor/)
Personal Innovation (https://hbook.westernsydney.edu.au/majors-minors/personal-innovation-minor/)
Innovating, Creating and Problem Solving (https://hbook.westernsydney.edu.au/majors-minors/innovating-creating-problem-solving-minor/)
Eco-Socially Conscious Design and Manufacturing (https://hbook.westernsydney.edu.au/majors-minors/eco-socially-conscious-design-manufacturing-minor/)
Water for Life (https://hbook.westernsydney.edu.au/majors-minors/water-life-minor/)
Climate Justice (https://hbook.westernsydney.edu.au/majors-minors/climate-justice-minor/)
Creative and Visual Communication (https://hbook.westernsydney.edu.au/majors-minors/creative-visual-communication-minor/)
Global Workplaces (https://hbook.westernsydney.edu.au/majors-minors/global-workplaces-minor/)
Innovating For Humans (https://hbook.westernsydney.edu.au/majors-minors/innovating-humans-minor/)
Creative Living for Cultural Wellbeing (https://hbook.westernsydney.edu.au/majors-minors/creative-living-cultural-wellbeing-minor-/)
Ideate.Strategise.Innovate. (https://hbook.westernsydney.edu.au/majors-minors/ideate-strategise-innovate-minor/)

Humanising Data (https://hbook.westernsydney.edu.au/majors-minors/humanising-data-minor/)

For more information, visit the Challenge Minor (https://www.westernsydney.edu.au/educational_partnerships_and_quality/home/challenge_minors/) website.

Search for majors and minors (https://hbook.westernsydney.edu.au/majors-minors/)

Students can apply for an elective minor via Western Now.

WesternNow (https://www.westernsydney.edu.au/westernnow/)