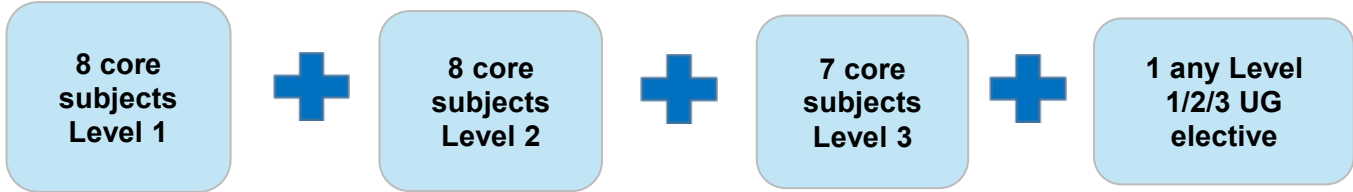


BACHELOR OF CYBERSECURITY
- Structure and Subjects Offerings Information



COURSE STRUCTURE



Links to Helpful Resources:

- To enrol subject(s) via the MyStudent portal: [Basic Steps to Self-enrol subjects](#)
- To withdraw subject(s) via the MyStudent portal: [Step to Withdraw subjects](#)
- [Course and Subject Handbook](#)
- [StudentFirst](#) (To check your timetable)

				√ = Offered			
				Year 2026	Year 2027		
	Subject Code	Subject Name	Prerequisite (Note: 1 subject has 3 credit-point value)	TR3	TR1S	TR2	TR3
Core subjects Level 1	CP1401	Problem Solving and Programming I		✓	✓	✓	✓
	CP1402	Internet Fundamentals		✓	✓	✓	✓
	CP1404	Design Thinking I		✓	✓	✓	✓
	CP1406	Web Design and Development		✓	✓		✓
	MA1000	Mathematical Foundations	MA1020 OR High school subjects: Mathematical Methods or Specialist Mathematics (or equivalent such as Maths B or Maths C)		✓	✓	
	OR	Select 1					
	MA1020	Preparatory Mathematics		✓	✓	✓	✓
	MA1580	Foundations of Data Science		✓	✓		✓
	CP1409	Operating Systems and Shell Scripting		✓	✓		✓
Core subjects Level 2	CP1410	Cybersecurity and Cryptography Fundamentals	CP1402 and CP1409	✓	✓	✓	
	CP2403	Information Processing and Visualisation	Minimum of 12 credit points of subjects Anti-requisite: CP3413	✓		✓	
	CP2404	Database Modelling		✓	✓		✓
	CP2406	Programming III	CP1404	✓	✓	✓	
	CP2408	Design Thinking II	CP1403 or Admission to Bachelor of Cybersecurity	✓	✓	✓	✓
	CP2409	Network Forensics and Data Communications	CP1402		✓		✓
	MA2011	Discrete Mathematics for Computing	Algebra and arithmetic to a year 10 standard	✓		✓	✓
	OR	Select 1					
	CP2421	Machine Learning for Cybersecurity	CP1401 and MA1580			✓	
Core subjects Level 3	CP2422	Cloud and Data Center Security	CP1401	✓		✓	✓
	CP2423	Cybersecurity Infrastructure and Management	CP1401 and CP1410	✓		✓	✓
	CP3403	Data Mining	(CP2403 and CP2404) OR (18 credit points of undergraduate subjects including 6 credit points of CP subjects)	✓	✓		✓
	CP3405	Design Thinking III	CP2408	✓	✓	✓	✓
	CP3406	Mobile Computing	CP1404 and 18 credit points of CP subjects	✓		✓	✓
	OR	Select 1					
	CP3407	Advanced Software Engineering	CP1404 and 18 credit points of CP subjects		✓	✓	
	CP3414	Ethical Hacking	CP2422 and CP2423	✓	✓	✓	✓
	CP3416	Behavioral Cybersecurity	36 credit points of CP OR MA subjects within the degree	✓	✓		✓
Core subjects Level 3	CP3417	Cybersecurity for Operational Technology	CP2423		✓		✓
	CP3101	Professional Internship / Project	36 credit points of CP subjects Note: For BIT & BCyberSec students only	✓	✓	✓	✓
	OR	Select 1					
	CP3418	Best Practices in Cybersecurity	CP3414	✓		✓	✓

PLUS
Select 3 credit points of **Level 1, 2 or 3** subject. (1 subject) * Pls refer to the 'List of Undergraduate subjects' to choose the elective subjects.
* Student can choose subjects from other undergraduate programs (such as BBUS, BCOM, BTHE...), please make sure you meet the pre-requisite of that subject.

Disclaimer: The above information is correct as below date. Due to unforeseen situation/s, there might be change/s done in subject offerings before each trimester. Your understanding is greatly appreciated.