

3007140 Bachelor of Information Technology

Cybersecurity Specialisation

Build your future career

The Bachelor of Information Technology with a Cybersecurity specialisation equips students with the technical and strategic skills needed to protect digital systems and infrastructure in an increasingly connected world. Covering areas such as governance, risk and compliance, infrastructure and network security, and application security, the program offers a comprehensive foundation in cybersecurity. With a strong emphasis on real-world applications and hands-on experience, including opportunities for industry practice, graduates are well-prepared for roles like cybersecurity analyst, network security engineer, and IT security consultant.

COURSE INFORMATION GUIDE FOR 2026

	Year 1 – Term 1		Year 1 – Term 2
COMP1003	Foundations of Programming	COMP1001	Data Communications and Networks
COMP1004	Cybersecurity Governance, Risk, & Compliance	COMP1006	Foundations of Computing
	Year 1 – Term 3		Year 1 – Term 4
COMP1007	IT Professional Skills and Ethics	COMP1008	Database Systems
ERTH2004	Career Development & Professional Practice	COMP1005	Applied Artificial Intelligence
	Year 2 – Term 1		Year 2 – Term 2
COMP2008	Programming and Software Development	COMP2009	Fundamentals of AI & Machine Learning
COMP2007	Systems and Application Security	COMM1005*	A Culture of Dialogue
	Year 2 – Term 3		Year 2 – Term 4
COMP2010	Software Engineering Practices	COMP2011	IT Project Management and Governance
ISYS2003 (elective)*	Data Visualisation and Representation	COMP3009*	Advanced Artificial Intelligence
	Year 3 – Term 1		Year 3 – Term 2
COMP3001	Blockchain Technology	COMP3004	Developing Artificial Intelligence Applications
COMP3003	Information Technology Industry Practice		
	Year 3 – Term 3		Year 3 – Term 4
COMP3005	Digital Forensics	COMP3008	Network and Infrastructure Security
COMP3007	Information Technology Capstone Project		

* - Elective Units

Southern Cross University
Bachelor of Business and Enterprise Degree Admission Requirements

Completion of Year 12 (best of 5, pass in English and Mathematics) and PNG GPA of 3, OR completion of senior secondary Year 10 plus any additional studies (such as completed Diploma).

Scores for each Grades are:

A = 5	B = 4	C = 3	D = 2	E = 1
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Score for Language and Literature is multiplied by 1.5

Score for Advanced Mathematics (Mathematics A), is multiplied by 2

Results for Personal Development subject cannot be included in the calculation.

Benefits of studying the Southern Cross University Degree at IBSUniversity:

The Bachelor of Information Technology with a major in Artificial Intelligence explores the challenges and opportunities in the rapidly evolving field of AI, including ethical considerations, societal impacts, and the future direction of intelligent systems. This major prepares students for careers such as AI developers, machine learning engineers, data scientists, software engineers, systems analysts, database administrators, project managers, and technical support personnel.

Registration & duration:

Registration for new students is open at the beginning of the year for February for Term 1 and Term 2 intake, and May for Term 3 and Term 4 intake. We also offer Term 5 for continuing students only, commencing in October and ending in the first week of December. Full-time students can enrol for 2 units per term to complete the course within three years. Each term is 7 weeks in duration including examination weeks, with 4 class sessions per unit, per week.

Course fee:

Year 1 - 8 units at K3,300 per unit plus K200 Registration Fee – Total K26,600.00

Year 2 - 8 units at K3,300per unit plus K200 Registration Fee – Total K26,600.00

Year 3 - 8 units at K3,300 per unit plus K200 Registration Fee – Total K26,600.00

Course and registration fees must be paid on or before the commencement date.

Important to note:

Students can study a minimum of 1 unit and or a maximum of 2 units per term. Students can complete their studies within three years if they study 2 units per term.

Contact Information

Admissions Officer Student Services (IBSUniversity)

Phone: +675 74114100

Email: ask@ibs.ac.pg

Website: www.ibs.ac.pg

IBSUniversity conducts academic courses on behalf of Southern Cross University in Port Moresby, Papua New Guinea. Students will graduate with a Southern Cross University Award.

Lismore

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Coffs Harbour

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Australia

Gold Coast

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