Bachelor in Applied Blockchain

Australian Institute of
APPLIED BLOCKCHAIN

BACHELOR IN APPLIED BLOCKCHAIN

- **Year one: Foundational knowledge - understanding core concepts like decentralization, smart contracts, and tokenization, and critically evaluate traditional systems.**
- **Year two: Advanced concepts - explore blockchain's value drivers, disruptive business models, governance principles, and integration with Internet of Things (IoT).**
- **Year three: Practical application - focus on managing blockchain networks, solve operational challenges, and explore real-world applications in finance and food security.**

GRADUATE OUTCOMES		GRADUATE OPPORTUNITIES	
Depth of disciplinary expertise	The ability to integrate and rigorously apply existing and new knowledge and expertise in blockchain technologies	Blockchain Developer	Technical Recruiters
Critical thinking & problem solving	The questioning of ideas, evidence, and assumptions in order to propose and evaluate hypotheses or alternative arguments before formulating a conclusion or a solution to an identified problem.		
Blockchain & Digital Literacy (BDL)	The ability to recognise, find, evaluate, utilise, share, and create information using information technology (IT) and blockchain terminology	Blockchain Research Scientist	Research Analyst
Influence	Engaging others in blockchain processes, concepts, ideas and		
Written communication	The clear exchange of meaning in a manner that is appropriate to audience and context in written format	Blockchain Project Manager	Blockchain Engineer
Reflective Judgement	The ability to evaluate and process information to draw plausible conclusions in the context of blockchain technologies and applications		
Research Skills	The ability to search for, find, collect, analyse, interpret, and evaluate information that is relevant to the subject being studied.	Blockchain Marketing Specialist	Legal Consultant

BLOCKCHAIN IS PROJECTED TO CREATE OVER 40 MILLION JOBS GLOBALLY BY 2030

BLOCKCHAIN Technology

AIAB'S PROGRAM GETS YOU JOB-READY IN BOOMING BLOCKCHAIN TECH

CONTACT US

+61 2 9870 7688
info@aiab.tech

ENTRY REQUIREMENTS

EDUCATIONAL PREREQUISITES

• Successful completion of Year 12 or equivalent, or an equivalent secondary qualification either interstate or overseas (in English or see below), or
• Successful completion of an Australian qualification recognised as at least AQF Certificate IV (minimum period of study of 1 school year within the last 2 years), or
• Satisfactory completion of an accredited Tertiary Preparation Program or a Foundation Year Program offered by an Australian university, or
• Satisfactory completion of one year of accredited full-time study at a registered institute of tertiary education at AQF level 4 or above.

SCHOOL LEAVERS

ATAR: 60 GPA: 2 out of 4 STAT: 120

INTERNATIONAL STUDENTS

The minimum academic entry requirements for admissions to the Bachelor of Information Technology is the completion of a qualification deemed equivalent to Australian Year 12. Applicants may also be required to satisfy specific course requirements such as a minimum overall grade score or prerequisite knowledge.

International students whose first language is not English must demonstrate competency in the English language. The following English language proficiency scores have been allocated for entry to this course for students who have not completed the final two years of secondary schooling with English as the language of instruction.

English Language Test	Requirement
International English Language Testing System (IELTS) – Academic	Overall, 6.0 (no band less than 6)
Pearson Test of English (PTE)	50 (no band less than 50)
Cambridge English Advanced (CAE)	Level B2 (169) (writing not less than 169)

SPECIAL AND/OR ALTERNATIVE ENTRY: non-school leavers (mature-age applicants and/or those who do not hold their HSC or equivalent)

AIAB's framework provides for special consideration to be given to some applicants including Aboriginal and Torres Strait Islander (ATSI) applicants. Academic Board or its delegate may determine alternative admission pathways for these applicants in accordance with relevant policy and procedures.

CONTACT US
+61 2 9870 7688
info@aiab.tech

Our Course

The AIAB Bachelor of Applied Blockchain comprises 24 x 6 credit point units (a total of 144 credit points) for a duration of 3 years at a rate of 2 semesters per year and 4 units per semester.

Below is a summary of the units by year level for the course.

Year	Semester	Unit Code	Unit Title
1	Semester 1	ITB101	Introduction to Blockchain
		BKC102	Blockchain Key Concepts
		BDP103	Blockchain Networking Design Principles
		IOT104	Decentralised IoT Data
	Semester 2	TOB105	Tokenisation on the Blockchain
		FSC106	Foundations of Smart Contracts
		MLB107	Machine Learning on the Blockchain

Year	Semester	Unit Code	Unit Title
2	Semester 1	BVD201	Understanding Blockchain Value Drivers
		VPD202	Value Proposition Design
		DBM203	Disruptive Blockchain Business Modelling
		TBN204	Transitioning to a blockchain network
	Semester 2	IOT207	Merging IoT & Blockchain
		FRS205	Developing Blockchain Functional Requirements Specifications
		BMP206	Evaluating Business Model Performance
		GOV208	Blockchain Governance

Year	Semester	Unit Code	Unit Title
3	Semester 1	BOP301	Blockchain Network Operations
		BIS302	Blockchain Interoperability & Scalability
		DIF304	Decentralised Finance - DeFi
		BSC305	Blockchain Smart Cities Application
	Semester 2	HUM306	Blockchain Humanitarian Application
		BSC307	Blockchain Supply Chain Application
		BAG308	Blockchain Agriculture Application
		CAP309	Reflective Portfolio

CRICOS CODE : XXXXX

Our Vision

An Influential Educational Institution

Working ethically with emerging technologies for positive social, economic and community impact.

We will achieve this by being innovative, relevant, and responsive to the needs of industry by ensuring our graduate outcomes are led by quality academic excellence and economic development.

Our Mission

Australian Institute of Applied Blockchain

Through the provision of high-quality education and insight, the Australian Institute of Applied Blockchain (AIAB) will:

- Be recognised as contributing to the successful adoption and evolution of blockchain and related technologies ("Web3") in Australia and beyond.
- cater to international and domestic students who are seeking to access a rapidly growing area of employment, innovation and entrepreneurial contributions to society;
- Equip students to be lifelong learners, adapting to changes in the business environment and emerging technologies.

The operationalising of the AIAB mission will promote seven core values (The seven Cs):

Australian Institute of Applied Blockchain

Care

Recognising and affirming the efforts and contributions of each person as they participate and develop in their skills

Curiosity

Attentive and open-minded exploration of the current world and the possibilities of technology and collaboration to make it better

Creativity

Bold and innovative thinking that explores change without being constrained by what is currently possible

Celebration

Actively seeking out positive contributions and energetically affirming them

Commitment

Resilient determination and passion to do hard things and make a positive difference

Courage

Bold engagement with difficult thinking and connecting to achieve high impact outcomes

Collaboration

Broadly engaging with past, present and future students, staff and other collaborators to produce world's best practice outcomes.