



SOUTHERN ACADEMY of HIGHER EDUCATION

TEQSA Provider Code: PRV1436
CRICOS Provider Code: 04202B

**INNOVATE, AUTOMATE,
ELEVATE WITH
INTELLIGENCE**

STUDY BACHELOR OF INFORMATION TECHNOLOGY ARTIFICIAL INTELLIGENCE SPECIALISATION

YOUR GLOBAL CAREER STARTS HERE

WHY **SAHE**?

Sydney as a **Global City**

- Join our welcoming Sydney CBD community with modern facilities and a vibrant multicultural environment
- Build industry-ready skills with career-focused degrees
- Receive personalised support from orientation to graduation
- Get a future-focused education that prepares you for new opportunities.

Entry Requirements:

- Academic - 65% in year 12 or equivalent
- IELTS 6.0, no band lower than 5.5, or PTE 50, no band lower than 42



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BACHELOR OF INFORMATION TECHNOLOGY ARTIFICIAL INTELLIGENCE SPECIALISATION

The Bachelor of Information Technology (Artificial Intelligence Specialisation) aims to develop graduates with advanced knowledge and practical skills in IT and AI. This program prepares students to design, implement, and manage innovative AI solutions, fostering adaptability and ethical awareness in a rapidly evolving digital landscape.

COURSE DETAILS

ITEM	INFORMATION
Location	Sydney
Commencement	March, June, October
Duration	3 years
CRICOS Course Code	117714E

COURSE STRUCTURE

YEAR	UNIT
YEAR: 1	ICT101 Introduction to Programming
	ICT102 Database Fundamentals
	INS104 Introduction to Information Systems
	MAT105 Discrete Mathematics
	ICT107 Object Oriented Programming
	ICT103 IT Innovations and Disruptions
	INS105 Systems Analysis and Design
	MAT108 Statistics
YEAR: 2	ICT206 Algorithms and Data Structures
	ICT209 User Experience Design
	Select from corresponding specialisation / Elective units
	Select from corresponding specialisation / elective units
	ICT205 Web Applications Development
	INS207 IT Project Management
	Select from corresponding specialisation / Elective units
	Select from corresponding specialisation / Elective units
YEAR: 3	INS306 IT Ethics and Professional Practice
	Capstone Project A
	Select from corresponding specialisation / Elective units
	Select from corresponding specialisation / Elective units
	INS307 Software Development Methodologies
	Capstone Project B
	Select from corresponding specialisation / Elective units
	Select from corresponding specialisation / Elective units

SPECIALISATION

Students must complete the following units to meet the requirements for the Artificial Intelligence specialisation.

UNIT CODE	UNIT
ICT207	Artificial Intelligence and Machine Learning
ICT201	Data Processing and Management
ICT311	Advanced Artificial Intelligence
ICT310	Natural Language Processing

Note: Electives may not be offered every semester

ELECTIVES

Students can either complete a second specialisation from the options below or choose electives from the Bachelor of Business or Bachelor of Information Technology that best match their interests.

SPECIALISATION	UNIT
ACCOUNTING INFORMATION SYSTEMS	ACC205 Accounting Information
	ICT201 Data Processing and Management
	ACC305 Management Accounting
	ACC306 Accounting Systems and Technology
COMPUTER SCIENCE	ICT210 Cloud Computing
	INS204 Networks and Communications
	ICT301 Database Design and Optimisation
CYBER SECURITY	ICT310 Natural Language Processing
	INS204 Networks and Communications
	INS206 Cyber Security
	INS309 Advanced Cyber Security
DATA ANALYTICS	INS308 Risk and Continuity Management
	ICT207 Artificial Intelligence and Machine Learning
	ICT201 Data Processing and Management
	ICT301 Database Design and Optimisation
INFORMATION SYSTEMS	ICT302 Data Analytics
	ICT201 Data Processing and Management
	INS204 Networks and Communications
	INS303 E-Business Management
PROJECT & OPERATIONS MANAGEMENT	INS304 Agile Business and Impact Analysis
	MGT204 Operations Management
	MGT205 Supply Chain Planning and Strategy
	PRM302 Project Quality and Risk Management
	PRM301 Managing and Leading Project Teams

CAREER OUTCOME

- Artificial Intelligence Specialist
- Data Analyst
- Machine Learning Engineer
- Software Developer
- IT Consultant
- Business Intelligence Analyst
- Systems Analyst

FOR MORE INFORMATION:

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