LINCOLN INSTITUTE OF HIGHER EDUCATION

## MASTER OF

# BUSINESS INFORMATION SYSTEMS

CRICOS Course Code: 112284G
TEQSA Course ID: CRS1401270



A degree in Business Information Systems will help you become an entrepreneurial job creator, rather than a job seeker.

TEQSA Provider ID: PRV14352 | CRICOS Provider Code: 04097J

LINCOLN INSTITUTE OF HIGHER EDUCATION

# ABOUT LIHE

Lincoln Institute of Higher Education (LIHE) is a values-based, not-for-profit higher education institution in Sydney. Its student-centred approach combines a multicultural learning environment with academic and learning support. LIHE encourages critical and creative thinking, engagement with real-world challenges and lifelong learning.

### 1 Student-centred learning

A multicultural learning environment with academic and learning support.

### 2 Academic support

Guidance with assessments, academic writing, referencing and language improvement.

### 3 Campus connection

Student events, seminars and shared spaces provide opportunities to connect.

### 4 Wellbeing guidance

Student Help Desk assistance and counselling support through an external provider.

**OUR VISION** LIHE aims to prepare graduates with advanced knowledge and skills who can contribute to society and act as responsible global citizens.

**OUR MISSION** Advance knowledge and scholarship; encourage critical and creative thinking; develop leadership, entrepreneurship and lifelong learning.

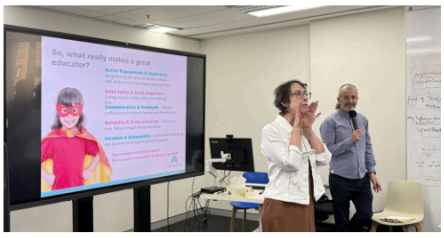
## CAMPUS LIFE & LEARNING



Classroom



Common area

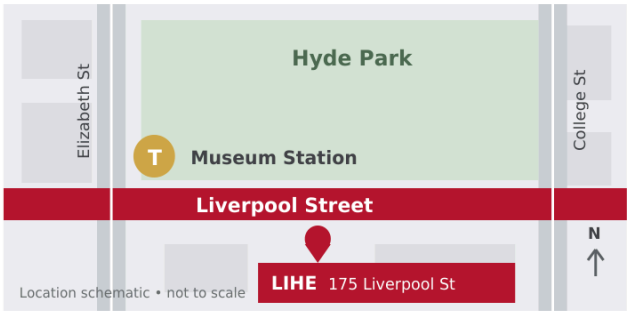


Campus events

## CAMPUS FEATURES

- Books, magazines and journals
- e-library and digital resources
- Reading areas and study spaces
- Computer laboratory
- Campus Wi-Fi
- LIHE Learning Management System (LMS)
- IT Help Desk
- Student lounge and kitchenette
- Indoor recreation, including foosball
- Lockers and Student Information Kiosk
- Printing and photocopying
- Student Help Desk

## CONVENIENT LOCATION




**Lincoln Institute of Higher Education**
Level 8, 175 Liverpool Street, Sydney NSW 2000

**+61 2 9072 9950**

support@lincolnau.nsw.edu.au

www.lincolnau.nsw.edu.au

COURSE INFORMATION

# Master of Business Information Systems

AQF Level 9 | 16 subjects | 64 credit points



**COURSE DURATION**

**2 YEARS**

Full-time / 4 semesters
16 subjects
64 credit points

**CRICOS Course Code: 112284G** **CRICOS Provider Code: 04097J**

INTAKES: March, July and November

## ACADEMIC ENTRY REQUIREMENTS

An Australian Bachelor's degree or overseas equivalent.

## RECOGNITION OF PRIOR LEARNING

Exemptions may be awarded for previous study with an approved education provider with which LIHE has a current and valid Articulation Agreement.

## ENGLISH LANGUAGE REQUIREMENTS

**International students and local applicants with international qualifications**
IELTS: overall 6.5, with no band below 6.0, or equivalent results in another accepted English language test.

Applicants who do not meet English proficiency requirements may receive a conditional offer, subject to successful completion of an approved intensive English course and meeting the required standard before commencement.

## COURSE STRUCTURE

16 subjects × 4 credit points = 64 credit points.
The course map covers four semesters across two years.
14 core subjects, including a Capstone Project, and 2 elective subjects.

**TUITION FEES**

**$10,900**
per semester

**INDICATIVE TOTAL TUITION**

**$43,600**
over four semesters

All amounts in Australian dollars. Tuition excludes separately charged non-tuition costs.

## COURSE ACCREDITATION & RECOGNITION

TEQSA-accredited higher education course. TEQSA Provider ID: PRV14352.

DISCOVER THE COURSE

# About the course



Studying business information systems will help you gain the skills needed to thrive in today's modern digital world

The Master of Business Information Systems (MBIS) aims to meet emerging challenges for business and technology in a global economy. Course offerings focus on the strategic application of complex information, communication and computing infrastructure of business and enterprises. Students gain core knowledge in areas such as information systems management, business and data communication, supply chain management, E-commerce and project management with a specialised focus on business intelligence or cybersecurity analytics. Students will be job-ready entrepreneurs, capable of meeting contemporary socio-environmental challenges and creating jobs for a sustainable global society.

Lincoln Institute of Higher Education offers high quality teaching and learning with clear purpose, outcomes driven curriculum planning, high expectations and an enhanced opportunity for students to demonstrate performance.

Learning outcomes will be assessed using a range of authentic assessment methods which may include, but are not limited to: examinations, written assignments/ essays, projects, in-class quizzes/tests, tutorial and laboratory tasks, group work, individual and group presentations, reflective papers, participation, simulations and discussion forum contributions

## SCHOLARSHIPS

Lincoln Institute of Higher Education, in partnership with a number of third-party organisations, offers a number of scholarships and bursaries for a variety of needs to ease the financial pressures of study. Eligibility criteria are based on both merit and circumstance. Visit the LIHE website to view and search all available scholarship options.

COURSE STRUCTURE

# Course map | Years 1 & 2

Indicative course map; subject to change. CP = credit points. All subjects carry 4 CP.

## YEAR 1 | 32 CREDIT POINTS

### SEMESTER 1

**BIS7101 | 4 CP**
**Business Information Analysis**
Apply business analysis methods to identify complex problems and develop information systems solutions.

**BIS7102 | 4 CP**
**Database Management System**
Explore relational and non-relational databases, data pipelines and scalable information storage.

**BIS7103 | 4 CP**
**Business Data Communication and Networking**
Examine network models and data communications techniques for designing and managing business networks.

**BIS7104 | 4 CP**
**Entrepreneurship and Management**
Develop entrepreneurial skills through opportunity analysis, business planning, risk management and ethical practice.

### SEMESTER 2

**BIS7105 | 4 CP**
**E-Business Models**
Analyse e-business models, digital innovation and strategic approaches to sustainable online business.

**BIS7106 | 4 CP**
**Web Design and Development**
Apply advanced web design tools and programming technologies to create and maintain websites.

**BIS7107 | 4 CP**
**Operations Management**
Explore operations strategy, process design, planning and quality assurance in goods and services.

**BIS7108 | 4 CP**
**Design Thinking**
Use design thinking and agile methods to develop and evaluate an applied information systems project.

## YEAR 2 | 32 CREDIT POINTS

### SEMESTER 1

**BIS7201 | 4 CP**
**Cloud Computing for Business**
Explore cloud infrastructure, distributed storage, virtualisation, security and business implementation.

**BIS7202 | 4 CP**
**Cyber Law in Practice**
Examine cybercrime and security threats within domestic and international legal frameworks.

**BIS7203 | 4 CP**
**IS Project Management**
Apply agile project management, planning tools and technology management to information systems projects.

**4 CP**
**Elective 1**
Select a subject from the elective groups on page 6.

### SEMESTER 2

**BIS7204 | 4 CP**
**Enterprise Information System**
Explore enterprise resource planning systems and management of the organisational information systems function.

**BIS7205 | 4 CP**
**Data Governance and Ethics**
Examine data governance, regulatory frameworks, privacy and ethical responsibilities for information management.

**4 CP**
**Elective 2**
Select a subject from the elective groups on page 6.

**BIS7211 | 4 CP**
**Capstone Project**
Collaborate on an applied business information systems project and evaluate proposed solutions.

COURSE STRUCTURE

# Elective groups

Complete two subjects from one elective group.




## GROUP 1 | BUSINESS INTELLIGENCE

| SUBJECT / CREDIT POINTS | SUBJECT DESCRIPTION |
|---|---|
| **BIS7221 \| 4 CP**<br>Big Data Analytics | Design scalable systems to store, process and analyse large volumes of unstructured data. |
| **BIS7222 \| 4 CP**<br>Data Mining for Business Analytics | Apply data mining methods to uncover patterns and insights supporting business decisions. |

## GROUP 2 | CYBER SECURITY ANALYTICS

| SUBJECT / CREDIT POINTS | SUBJECT DESCRIPTION |
|---|---|
| **BIS7231 \| 4 CP**<br>Information Security Management | Evaluate information assets, security threats and vulnerabilities, and develop organisational risk management approaches. |
| **BIS7232 \| 4 CP**<br>Cyber Forensics | Apply digital forensics methods to investigate cybercrime and responsibly manage digital evidence. |

LEARNING THROUGH EXPERIENCE

# Projects & practical learning

## CAPSTONE PROJECT | BIS7211

This subject consolidates students' critical theoretical and conceptual knowledge and further develops and integrates their technical skills and expertise in Information Systems and Technology. Under academic supervision, students will collaborate in small groups to initiate and develop an applied Business Information Systems project based on a current and relevant business issue and recommend solutions. Students will undertake a critical review of relevant literature, determine the appropriate research methods for designing and planning an IS based project and create a comprehensive project proposal. Students will be encouraged and supported in analysing, designing, prototyping, synthesising, troubleshooting, and testing systems to address an identified problem. Students will also be required to critically review and evaluate their peer's projects from a technical, social, business and management standpoint.

## INDUSTRY-BASED REAL-WORLD PROJECTS

Lincoln Institute of Higher Education sources industry-based real-world projects as opportunities to help students understand modern-day practices and gain authentic experiences in the area of their studies. Guest lecturers and mentors from a variety of business sectors will provide students with the critical opportunity to make first-hand connections between classroom theory and workplace practice.

## INTERNATIONAL EXPERIENCES

Our mission and vision are universal. We seek to provide a global educational experience, support character-building education and offer high-quality advanced learning. To this end, we have established a strong academic and corporate community in Australia supporting our institutes across the globe. We seek to provide world-class educational services that are affordable, oriented towards community service and meet local requirements.



YOUR FUTURE

# Career opportunities

## CORE EMPLOYABILITY SKILLS

As a graduate of this course, you will be prepared for work in a complex modern day digital environment. The course helps you to develop core attributes such as creative and critical and thinking, effective communication and collaboration, entrepreneurship, social responsibility, cultural awareness, ethical competence and leadership skills that will allow you to engage across a variety of industries.

## CAREER PATHWAYS

Graduates may explore opportunities in roles such as:

### IT Business Systems Developer

Develop information systems and applications supporting business processes.

### IT Systems Analyst

Analyse technology requirements and propose systems improvements for organisational users.

### E-Commerce Consultant

Advise organisations on digital commerce strategies, platforms and implementation.

### Information Systems Manager

Coordinate organisational information systems, resources and technology planning.

### IT Business Development Manager

Identify business opportunities and support the development of technology services.

### IT Quality Assurance Analyst

Test systems and evaluate software quality against business requirements.

### IT Business Engagement Manager

Connect business stakeholders and technology teams to align services with organisational needs.

### Technical Business Analyst

Translate business needs into technical requirements and support solution development.

### Business Systems Analyst

Evaluate business processes and recommend improvements supported by information systems.

### Systems Analyst

Analyse and design systems to improve operational performance and user experience.

### Business Intelligence Manager

Coordinate reporting and analytical activities that support business decision-making.

### Cyber Security Analyst

Assess security risks and support protection of organisational information and systems.

Career pathways depend on experience, employer requirements and any role-specific qualifications or professional requirements. Course completion does not guarantee employment or progression into a senior role.



YOUR NEXT STEP

# How to apply

Contact LIHE for the current MBIS application process.

## 01 Confirm course availability

Contact LIHE to confirm your preferred intake, commencement arrangements and course availability for your applicant category.

Contact LIHE to confirm course availability

## 02 Check your entry requirements

Review the academic and English language requirements on page 3.

Course entry requirements

## 03 Prepare & submit your application

Request the current application instructions and full document checklist from LIHE. Submit the requested documents through the application channel confirmed by LIHE.

Online application form

## 04 Review your offer & requirements

If an offer is made, review its conditions, tuition and additional charges, payment terms, accreditation information before accepting.

Fees & charges | Admissions policy & offer conditions

## SUPPORTING DOCUMENTS TO PREPARE

- Qualification certificates and academic transcripts
- Evidence of relevant prior study or experience, as requested
- Evidence of English proficiency, where required

Confirm the full checklist, certification and translation requirements directly with LIHE. All software requirements for the MBIS course will be provided.

## ENQUIRE WITH LIHE

Lincoln Institute of Higher Education
Level 8, 175 Liverpool Street, Sydney NSW 2000
www.lincolnau.nsw.edu.au | support@lincolnau.nsw.edu.au | +61 2 9072 9950
Admissions: applications@lincolnau.nsw.edu.au

Further information: Fees and Charges | Student Handbook | International Students

International students: the ESOS framework and National Code support student rights and tuition protection. See LIHE information on enrolment, support, visa responsibilities, work and complaints.