LINCOLN INSTITUTE OF HIGHER EDUCATION

BACHELOR OF

BUSINESS INFORMATION SYSTEMS

CRICOS Course Code: 112283H
TEQSA Course ID: CRS1401268



Connecting business and technology to shape a smarter digital future.

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.

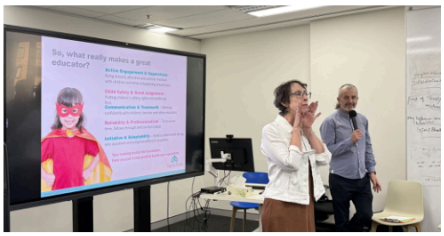
CAMPUS LIFE & LEARNING



Classroom



Common area

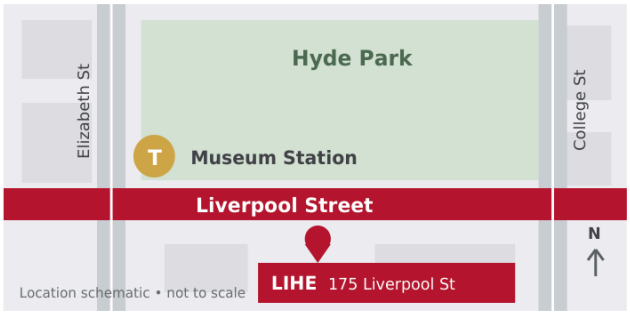


Campus events

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

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support@lincolnau.nsw.edu.au

www.lincolnau.nsw.edu.au

COURSE INFORMATION

Bachelor of Business Information Systems

AQF Level 7 | 24 subjects | 96 credit points



COURSE DURATION

3 YEARS

Full-time / 6 semesters
24 subjects
96 credit points

CRICOS Course Code: 112283H **CRICOS Provider Code: 04097J**

INTAKES: March, July and November

ACADEMIC ENTRY REQUIREMENTS

Applicants must meet one of the following:

- Successful completion of Year 12 with an ATAR of 65 (or equivalent qualification), or alternative ATAR with interview; or

- Successful completion of a recognised foundation studies program; or

- One year of university studies.

ENGLISH LANGUAGE REQUIREMENTS

Domestic students
A Unit 3-4 sequence in English with a study score of at least 30 in English (EAL), or at least 25 in English, Literature or English Language.

International students and local applicants with international qualifications
IELTS: overall 6.0, with at least 5.5 in writing and speaking, or equivalent results in another accepted English language test.

COURSE STRUCTURE

24 subjects × 4 credit points = 96 credit points.
The course map covers six semesters across three years.
Core and elective subjects, with an applied Capstone Project.

TUITION FEES

$9,900
per semester

INDICATIVE TOTAL TUITION

$59,400
over six 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 at Lincoln Institute of Higher Education will help you gain the skills needed to thrive in today's modern digital world.

The Bachelor of Business Information Systems course will prepare you with broad and coherent knowledge, skills and practical application for planning and implementing information systems in a global economy. You will study technologies and techniques of architecture, information management systems and business applications with a focus on methods for using and monitoring appropriate technologies to facilitate strategic and operational activities and decision-making in organisations. You will have the opportunity to major in areas such as data analytics, cybersecurity and enterprise systems. As a graduate of this course, you will be a job-ready entrepreneur and capable communicator with ethically sustainable practices for a 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.

COURSE STRUCTURE

Course map | Years 1 & 2

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

YEAR 1

SEMESTER 1

BIS5101 | 4 CP
Entrepreneurship and Marketing
Apply entrepreneurship and marketing theories to business strategy and entrepreneurial problem-solving.

BIS5102 | 4 CP
Computer Principles and Programming
Explore computer hardware and programming fundamentals through problem-solving and software design.

BIS5103 | 4 CP
Organisational Management
Examine management functions, organisational culture and ethical decision-making in contemporary business.

BIS5105 | 4 CP
Principles of Accounting
Develop accounting knowledge for recording, reporting and ethically analysing financial information.

SEMESTER 2

BIS5104 | 4 CP
Database Management Systems
Explore relational database theory, data modelling, normalisation and database application development.

BIS5201 | 4 CP
Design Thinking
Use design thinking and agile methods to develop and test an applied information systems solution.

BIS5107 | 4 CP
E-Commerce
Explore e-commerce models, technologies and their application in business.

BIS5108 | 4 CP
Data Communication and Networking
Examine networking models, technologies, security and data communication in business settings.

YEAR 2

SEMESTER 1

BIS5106 | 4 CP
Systems Analysis and Design
Apply systems analysis and design methods throughout the information systems development lifecycle.
Prerequisite: BIS5102

BIS5203 | 4 CP
Website Design and Development
Develop websites using HTML, CSS and introductory scripting, with attention to accessibility.

BIS5204 | 4 CP
Business Ethics and Professional Perspectives
Explore ethical frameworks and professional decision-making through contemporary business case studies.

YEAR 2 | SEMESTER NOT SPECIFIED

BIS5202 | 4 CP
Accounting Information Systems
Examine accounting information systems, internal controls and accounting software through a business case study.
Prerequisite: BIS5105 (P)

SEMESTER 2

BIS5205 | 4 CP
Object Oriented Programming
Apply object-oriented programming concepts using Python to develop structured software.
Prerequisite: BIS5102 (P)

Elective 1
Chose any one from the 2nd year Elective

BIS5303 | 4 CP
IS Project Management
Apply project planning, technology management and agile approaches to information systems projects.
Prerequisite: BIS5106(P)

BIS5208 | 4 CP
Cloud Computing
Explore cloud platforms, virtualisation, security and the design of cloud-based business solutions.
Prerequisite: BIS5108 (P)

BIS5202 is listed as an elective in the supplied course map, with no semester specified. Confirm its status and scheduling with LIHE before enrolment.

COURSE STRUCTURE

Course map | Year 3

Indicative course map; subject to change. Four subjects per semester, including elective selections.

SEMESTER 1

BIS5301 | 4 CP
Cyber Security Management
Examine cybersecurity policies, risks, standards and business continuity in organisational settings.
Prerequisite: BIS5108 (P)

BIS5302 | 4 CP
Artificial Intelligence in Business
Explore artificial intelligence, machine learning and data technologies for business transformation.

Elective 2
Chose any one from the 2nd year Elective

Elective 3
Chose any one from the 3rd year Elective

SEMESTER 2

Elective 4
Chose any one from the 3rd year Elective

BIS5305 | 4 CP
Analytics for Decision Making
Use analytical tools and ethical data practices to support and communicate business decisions.
Prerequisite: BIS5106 (P)

BIS5306 | 4 CP
Enterprise System Development
Develop knowledge and programming skills for large-scale enterprise software solutions.
Prerequisite: BIS5106 (P)

BIS5311 | 4 CP
Capstone Project
Collaborate on an applied business information systems project under academic supervision.
Prerequisite: Successful completion of the 20 core subjects in first 5 semesters

Elective 2: choose from the Year 2 elective group. Electives 3 and 4: choose from the Year 3 elective group. See page 7 for the options and subject summaries.



COURSE STRUCTURE

Elective subjects

Options follow the supplied course map. Each elective carries 4 credit points; prerequisites are shown below.

YEAR 2 ELECTIVE GROUP

CODE / SUBJECT	DESCRIPTION / PREREQUISITE
BIS5206 | 4 CP Human Resources Management	Examine workforce planning, recruitment, development and organisational HR policies. **Prerequisite:** Nil
BIS5325 | 4 CP Cyber Law and Ethics	Examine cyber law, regulatory standards and ethical decisions concerning technology use. **Prerequisite:** BIS5108 (P)
BIS5304 | 4 CP Total Quality Management	Apply quality frameworks, standards and improvement techniques to organisational quality systems. **Prerequisite:** Nil

YEAR 3 ELECTIVE GROUP

CODE / SUBJECT	DESCRIPTION / PREREQUISITE
BIS5321 | 4 CP Big Data Analytics	Explore big data computing frameworks and apply data science methods to analytical problems. **Prerequisite:** Successful completion of 1 core subjects
BIS5322 | 4 CP Data Visualisation	Develop visualisations and data stories to communicate findings to diverse audiences. **Prerequisite:** BIS5305 (P)
BIS5323 | 4 CP Network System Management	Examine network management, security issues, disaster recovery and network troubleshooting tools. **Prerequisite:** BIS5108 (P)
BIS5324 | 4 CP Internet Routing	Explore routing protocols and technologies for designing and managing interconnected networks. **Prerequisite:** BIS5108 (P)
BIS5326 | 4 CP Enterprise Data Management and Analysis	Explore enterprise data frameworks and develop systems proposals for organisational information needs. **Prerequisite:** BIS5106 (P), BIS5104 (P)
BIS5327 | 4 CP Systems Integration	Design integration solutions using business process models, patterns and service-oriented architecture. **Prerequisite:** BIS5106 (P)

LEARNING THROUGH EXPERIENCE

Projects & practical learning

CAPSTONE PROJECT | BIS5311

This subject advances students' theoretical and conceptual knowledge and further develops 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. 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.

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:

Information Systems Manager
Coordinate organisational information systems and support business technology planning.

Data Analyst
Analyse data and communicate findings to support business decisions.

Cyber Security Analyst
Assess security risks and support protection of organisational systems and information.

Database Administrator
Maintain databases, data availability, access controls and operational reliability.

IT Consultant
Advise organisations on technology solutions aligned with business needs.

Systems Analyst
Analyse business requirements and help design and improve information systems.

E-Commerce Developer
Develop and maintain digital platforms supporting online business transactions.

Enterprise Systems Manager
Coordinate enterprise applications and their integration with business processes.

Information Centre Manager
Manage information resources and services to support organisational users.

Financial Analyst
Analyse financial information to support planning and business decision-making.

Project Development Manager
Coordinate project development, resources and delivery against agreed objectives.

Project Officer
Support project administration, reporting and coordination of project activities.

IT Manager
Oversee IT operations, resources and services within an organisation.

Career pathways depend on experience, employer requirements and any role-specific qualifications or professional requirements. Course completion does not guarantee employment or eligibility for every role.



YOUR NEXT STEP

How to apply

Contact LIHE for the current BBIS 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 BBIS course will be provided.

ENQUIRE WITH LIHE

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