



Master of Business Informatics

Level 9



2023

ICL Graduate Business School Programmes

ICL Graduate Business School offers a wide range of Business, Computing, Early Childhood Education and English study programmes, up to level 9 on the New Zealand Qualifications Framework. The following study programmes are available at ICL Graduate Business School:

Level 9	Master of Management
	Master in Business Informatics
Level 8	Postgraduate Diploma in Business
	Postgraduate Diploma in Business Informatics
Level 7	Graduate Diploma in Teaching (Early Childhood Education)
	Graduate Diploma in Business (International Business Innovation)
	Graduate Diploma in Business (International Hospitality Management)
	Graduate Diploma in Business (International Hospitality Management)
Level 6	New Zealand Diploma in Business
	New Zealand Diploma in Business
Level 5	New Zealand Diploma in Early Childhood Education
Level 4	New Zealand Certificate in English Language

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The Master of Business Informatics (MBI) - Level 9

Aim

The aims of the Master of Business Informatics are:

To take an interdisciplinary approach in informatics and business innovation within a single qualification, including the core disciplines of project management, organizational behaviour, global business, innovation, enterprise management and information management, and to develop research skills through an applied project. This programme brings together business and IT services in both a New Zealand and global context.

This is a 16-month, full-time programme of study designed for graduates of a first degree in a business-related and/or IT/computing subject. It is suited for those seeking to:

- a) bridge the gap between a first degree and a career in business informatics that requires further qualifications and skills.
- b) build a firm foundation for further advanced level study towards a doctoral qualification in a similar discipline.

Outcomes

A graduate of the MBI is able to:

- Show evidence of advanced knowledge of business informatics.
- Demonstrate mastery of the theory of business informatics.
- Evaluate critically the findings and discussions in the literature on business informatics.
- Research, analyse and argue from evidence.
- Work independently and apply knowledge to new situations in a business informatics context.
- Engage in rigorous intellectual analysis, criticism and problem-solving.

Graduates will be suitable in roles, which have prospects of a management career pathway (as identified by ANZSCO as Level 1 skilled employment roles). Graduates can launch their careers in a variety of fields including business analysts, IT managers, process and service managers, consultants, and IT security specialists.

This programme may provide pathways for further academic study at an advanced level leading to a doctoral degree (which can include a PhD, DBA or other similar doctoral qualification). Graduates from this programme may be required to pursue additional study and/or research for provisional or direct entry onto a university doctoral programme.

Admission Requirements

Applicants for the Master of Business Informatics must provide the following:

1. A completed application form.
2. Original transcripts showing a Bachelor degree or a Graduate Diploma in a business-related or IT/computing subject from a recognized institution, including full transcripts;
OR
Evidence of acquiring the relevant skills and knowledge through appropriate work or professional experience in business studies or IT/computing related areas. Scanned PDF documents will be sufficient to progress the application, but original documents will be required on arrival at ICL Graduate Business School. Failure to provide original documents will result in the cancellation of the enrolment.
3. For international students, academic IELTS with a minimum score of 6.5 overall (with no band score lower than 6.0 and gained within the past two years in one examination), or any other equivalent approved by NZQA.
4. Credit transfer or RPL (Recognition of Prior Learning) of up to four papers will be negotiated on a case-by-case basis.
5. ICL Graduate Business School also strongly recommends that a Personal Statement, written by the applicant, is attached to the application explaining why they believe they should study on the programme, their motivations and further aspirations.

Admission Appeals

If a student wishes to appeal an admission process decision the following applies:

1. An Admission Appeal should be directed in writing to the Academic Director outlining reasons for the appeal.
2. The Academic Director may request further information and evidence to support the appeal.
3. The Academic Director will consult with the relevant academic team(s) and the senior management team, where appropriate, to discuss and resolve the appeal.
4. The Academic Director will report ICL Education Group's decision to the student concerned.

Programme Structure and Duration

This full-time programme will be delivered through face-to-face classroom learning at ICL Graduate Business School, Auckland. Students will take up to three papers per trimester. Each paper (except 9536 Applied Project) will be taught through one four-hour class per week, delivered by an ICL staff member across a 16-week trimester, on either a day or evening timetable. In total, students will receive four contact hours per paper per week. Students will take up to three 15-credit papers per trimester and in the final trimester will only study the 9536 Applied Project paper (equivalent to three 15-credit papers) with meetings with an allocated supervisor scheduled regularly throughout the trimester. Students are also expected to study independently for more than five hours per paper per week. This totals 28 hours of learning per week for each student.

Programmes are offered at ICL continuously, with a one-week study break between trimesters and a two-week break over the Christmas period. Therefore, students will complete the Master of Business Informatics within 16 months of full-time study.

Level 7 Undergraduate Degree/Graduate Diploma in a business-related, IT and/or computing field or Level 8 Postgraduate Diploma in a business-related and/or computing field



Trimester (16 weeks)	Programme Structure*
1	8260 Business Transformation (Level 8)
	8273 Enterprise Innovation (Level 8)
	8102 Enterprise Systems and Business Analysis (Level 8)
2	8173 Innovation and Design Thinking (Level 8)
	8281 Business Professionalism (Level 8)
	8203 Project Management (Level 8)
3	8151 Information Security Management (Level 8)
	8150 IT Service Management and Strategy (Level 8)
	8542 Research Methods (Level 8)
4	9536 Applied Project (Level 9)

*subject to change without notice



Level 10 Doctorate Degree

Paper Outlines

Students will be provided with a paper outline for each paper they take at the start of the trimester. Important information is included within these paper outlines and it is the student's responsibility to ensure they have read and fully understood these documents. If a student seeks further clarity, they should discuss this with their lecturer.

Most of the papers have no prerequisites, with only the student required to meet the programme entry requirements. However, for the 9536 Applied Project paper, a student must complete all papers on the MBI programme, including passing at least six of the MBI programme papers, before they can study the paper.

8260 Digital Transformation (Level 8) 15 credits

This paper equips learners with knowledge of the economic, social and ethical context of accelerating technological change for business and society, and the skills to both manage ubiquitous change and recognise its challenges and opportunities. The course evaluates and applies the concept of disruption, first coined as "disruptive innovation" (Christensen, 1997), in turn referencing "creative destruction" (Schumpeter, 1942). Developments in and examples of businesses harnessing disruption through, for example, the Internet of Things (IoT), machine learning, artificial intelligence (AI), data mining, bitcoin, block chain, robotics and automation are evaluated. Transformation models such as continuous development, agile strategy, and "road maps", measurement frameworks such as Return on Investment, Total Economic Impact analysis and paradigm shift made possible by digital ("the experience economy" and "the sharing economy") are analysed.

8273 Enterprise Innovation (Level 8) 15 credits

In this paper learners will apply innovation concepts and innovation strategies through designing the process of innovation, measuring innovation, designing incentives to support innovation, designing an innovation culture and applying initiatives to real business situations. Learners will conduct their own research, think critically and collaborate with others to develop an innovation strategy that could be implemented in an existing organization.

8102 Enterprise Systems and Business Analysis (Level 8) 15 credits

This course provides learners with the theoretical principles of enterprise systems along with how an organization implements and utilizes business-wide Enterprise Systems to manage their operations more efficiently and effectively. Learners also critically analyze business models and understand a wide range of issues, problems and conflicts and put forward recommendations as to how companies can add value to their business.

8173 Innovation and Design Thinking (Level 8) 15 credits

This paper explores the rationale and objectives of new service and product innovation, approaches to encouraging and developing innovation and practical design thinking methodologies to implement innovation through systematic evaluation of user needs and testing of possible solutions to complex problems. This includes ensuring the innovation effort is coordinated, connected and waste-free, and engages users and partners in the process. Learners investigate new service and product innovation life cycles and coordinate its effective implementation throughout the organization. Learners also evaluate modelling for new service design and specifying service-oriented business systems within a variety of architectural styles, such as enterprise architecture, application architecture, service architecture, and cloud computing.

8281 Business Professionalism (Level 8) 15 credits

This paper develops the perspective and personal skills needed by business professionals in a complex and uncertain global environment to be effective in their roles in a wide range of organisations, and equips them not only to manage change but to be able to anticipate impending shifts, map strategic direction and lead. Learners' professional practice capabilities and preparedness for dynamic organisational environments are developed to an advanced level through studying concepts and case studies of organisations so that they are equipped to respond appropriately to the challenges of conducting sustainable business amid perpetual change.

8203 Project Management (Level 8) 15 credits

This paper equips learners with a thorough knowledge of core project management concepts, theories and practices. Learners engage in teamwork to apply the principles of project management to real-world business projects.

8151 Information Security Management (Level 8) 15 credits

To give learners a holistic view of how security of information is managed in an organization in relation to laws, ethics and standards. To examine frameworks, processes, and measures of security as well as of the practical problems involved in building secure operational environments for businesses and individual users. To design secure information technology environments.

8150 IT Service Management and Strategy (Level 8) 15 credits

This paper covers strategic IT Service Management from the strategic business management perspective. It examines the application and effectiveness of IT Management reference models and frameworks (such as Cobit, IT4IT and ITIL) for the management of IT operations, linking these with strategic business management. The paper examines case studies and research findings to critically evaluate, appraise and summarize the use of the frameworks in IT operations. Class discussions will enrich learning experience to compare theories to real-life examples.

8542 Research Methods (Level 8) 15 credits

Introduces students to both qualitative and quantitative primary research and data analysis techniques, as part of the research process. This paper helps students to prepare for the dissertation and will enable students to undertake research in the future.

9536 Applied Project (Level 9) 45 credits

The dissertation helps students in the development and application of research skills to design and complete a supervised research project that focuses on a contemporary topic in global business, business informatics or enterprise innovation. Students will develop research and application skills on the chosen topic and will be able to analyze and synthesize findings to complete the paper and level of study.

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Library and ProQuest

You have access to ProQuest, an electronic database with many resources at your disposal. ProQuest can be accessed for free whilst using the computers or Wi-Fi network whilst on campus. You can access ProQuest on campus using this link: <http://search.proquest.com/business/index?accountid=164702>

Auckland Council Library, with 55 outlets across the city, offers free membership to everyone. ICL encourages all students to avail of the membership and make use of the enviable lending services on offer

Opportunities for Further Study

ICL has an understanding with several institutions regarding the opportunity for further studies for its students. Programmes at Auckland University of Technology, Waikato University and Massey University may take into consideration ICL student applications for some of their doctorate programmes. Successful applications and enrolments are at the individual university's discretion.

Further Information

For further information concerning studying at the ICL Education Group, please refer to the following information: Academic Handbook and Student Services Support Handbook.