



MSc in
**Business Intelligence
& Data Analytics**

On Campus

Welcome to UoL!

Education with Vision, Research with Impact!

The University of Limassol (UoL) is a modern, international university committed to academic excellence, innovation, and meaningful engagement with society and industry. Building on the educational legacy of CIIM, UoL fosters an environment in which knowledge, collaboration, critical inquiry, and initiative can flourish.

Through forward-looking academic programmes, research with practical and societal impact, and dedicated support throughout the student journey, UoL equips graduates with the knowledge, skills, and adaptability required to respond to the opportunities and challenges of a changing world.



Limassol: A Gateway to Opportunity

Limassol is an international and outward-looking city where entrepreneurship, shipping, technology, and financial services converge to create a dynamic professional environment. Its diverse international business community offers valuable opportunities for industry engagement, networking, applied learning, and professional development.

At UoL, engagement with the city and industry forms an integral part of the educational experience. Students benefit from an ecosystem that connects academic knowledge with professional practice and future career opportunities.



A Vision for a Sustainable Future

The University of Limassol's new campus is being designed as an open, contemporary environment that supports teaching, learning, research, and collaboration. With sustainability, technological innovation, and human interaction central to its design, the campus will bring together students, academic staff, professionals, and the wider community.

More than an infrastructure project, the new campus represents a long-term investment in the future of higher education and the development of a vibrant academic community with a lasting contribution to Limassol, Cyprus, and beyond.



Ever Evolving



“Ever Evolving” encapsulates UoL’s approach to higher education: a commitment to curiosity, adaptability, and continuous improvement. UoL continually develops its academic programmes, research activities, and partnerships to respond to the evolving needs of students, society, and the wider global environment.

For UoL, evolution means more than change. It reflects a commitment to advancing knowledge, preparing graduates for professional success, and generating a positive and lasting impact on society.

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Program Overview

The **Master of Science (MSc) in Business Intelligence and Data Analytics** is designed to equip the students with the necessary knowledge and a diverse set of skills required throughout the data analytics lifecycle. This skillset includes business data requirements, data acquisition and integration, data storage, data processing, data analysis, insights derivation, and ultimately, the business deployment of derived insights in a meaningful and successful manner.

It is a unique and innovative-by-design postgraduate degree that combines both managerial and technical aspects around the data science field. Particular emphasis is given to students acquiring practical skills for implementing data science solutions, as well as enhancing their decision-making capabilities in Information Technology from a data science perspective.

The curriculum is designed to transform the participants into data scientists and equip them with the knowledge and skillset required to contribute and compete in the rapidly advancing data-driven economy.

The program is nationally accredited by **KYSATS** and Accredited by **CYQAA**.

Admissions Requirements

1. Bachelor's degree and transcripts from an accredited program. In terms of GPA, we expect 2:2 and above from UK schools, 3.0 and above from US schools, and 6.5 and above or the equivalent from Cypriot and Greek Universities and colleges. Candidates with a lower grade than the above, might be admitted if they have compensatory strengths in terms of work experience or other accomplishments (for example, CFA, ACCA, or ACA).
2. Native speaker of English or graduate of a high school or university where the language of instruction is English, or IELTS with a score of at least 5.5, or TOEFL with a score of at least 250 (computerized) or 550 (conventional), or Password Plus 5.5.
3. Satisfactory quantitative skills as evidenced by the quantitative courses they have taken during their Bachelor's degree study.
4. Knowledge of English language.

Language of Instruction: English

Mode of Delivery: On Campus

Program Requirements

The European Credit Transfer and Accumulation System (ECTS, in short) is a tool of the European Higher Education Area for making studies and courses more transparent. It helps students to move between countries and to have their academic qualifications and study periods abroad recognized. The credits below are based on the ECTS.

To graduate, students are required to earn 90 credits as follows:

- 78 credits from taught core courses (including final project),
- 12 credits either from one of the three concentration tracks, or by combining courses from different tracks.

Program Learning Outcomes

- Demonstrate understanding the value of (Big) data and data driven decision making.
- Identify the basic concepts that underpin today's organizational IT infrastructures, such as concepts of databases, information systems, operations and processes, cloud computing, data warehousing and enterprise resource planning.
- Apply data mining/analytics (statistical and machine-learning) in order to solve real-world business problems.
- Develop skills related to data analytics pipeline from collection, processing, analysis and interpretation.
- Effectively communicate to top management the results and implications arising from data analytics, security risk assessments, and emerging technologies.
 - Demonstrate professionalism and leadership by taking initiatives within their domain of responsibility while working effectively with other team members.

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Program Requirements

Core Courses

Basic Functional Skills

Hours

ECTS

BI395	Foundations of Business Information Technology	28	6
BI405	Database Management & Cloud Computing	28	6
BI410	Data Mining, Visualization & Decision Making	28	6
BI415	Managing Big Data	28	6
BI420	Python Programming	28	6
BI425	Information Security Management for Business	28	6
BI130	Web & Social Media Analytics	28	6
AT600	Digital Transformation of Business & Organizations	28	6
BI430	Quantitative Methods & Statistical Analysis	28	6
AT500	Data Analytics and Artificial Intelligence	28	6
HR495	Ethics, CSR & Sustainability	28	6
BI500	Data Science Research Project	28	12

Elective Courses

Operations & Project Management (12/24 ECTS)

		Hours	ECTS
MB675	Operations & Supply Chain Management	28	6
MB710	Project Management	28	6
AT800	Project Management in Information Technology	28	6
AT400	Blockchain and Applications	28	6

Technical Entrepreneurship & Innovation (12/24 ECTS)

AT900	Technical Entrepreneurship	28	6
GD320	Digital Business Tools & Digital Business Development	28	6
FB415	Project & Business Financing	28	6
MB750	Planning & Starting a New Business	28	6

Financial Services (12/30 ECTS)

FB470	Innovative Financial Technologies (FinTech)	28	6
FB500	Financial Innovation & Financial Regulation	28	6
FB415	Project & Business Financing	28	6
GD320	Digital Business Tools & Digital Business Development	28	6
AT400	Blockchain & Applications	28	6

Join the
#changemakers

Request more information / Contact us

CYPRUS

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