



MSc in **Computer Science & Business Technologies**

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 Computer Science & Business Technologies** program covers computer science technologies that can be applied to businesses to improve productivity, address modern needs, and create new potentials. Technology and digitization are increasingly entering our daily lives, society, business, economy and government. This is necessary to improve efficiency, remain functional, competitive and even safe. There is a general consensus that the use of technology in our daily lives and in our working practices whether in business or the professions will continue to increase and even accelerate.

The program combines computer science and business technologies with the development of skills in business technical management. The different aspects of the program are developed in parallel. The computer science part starts with introductory topics that provide the necessary theoretical background to comprehend modern programming languages and technologies. Some of these technologies involve databases and the cloud. Another general topic is artificial intelligence for decision making as well as the application of machine learning and deep neural networks to the analysis of big-data.

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

Language of Instruction: English

Mode of Delivery: On Campus

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. The major can be in science, engineering, economics, management, biomedical sciences, and even law and business.
4. A personal interview is an integral part of the selection process. The interview and documents providing evidence of the above qualifications are used as the basis for evaluating candidates. In cases where applicants have graduated from unfamiliar programs or universities, a GRE/GMAT examination score may be required.
5. Knowledge of English language.

Program Requirements

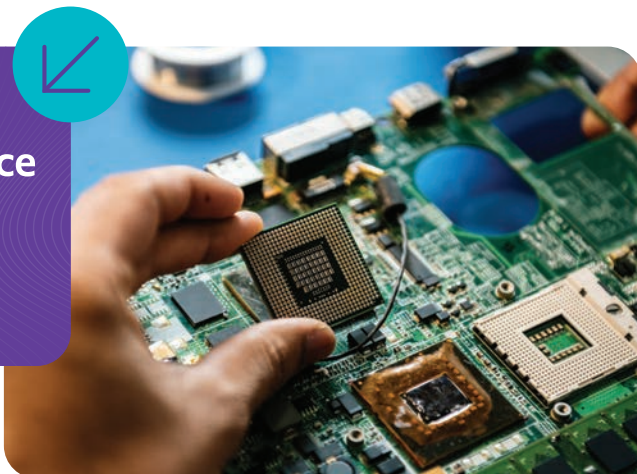
The European Credit Transfer and Accumulation System (ECTS in short) is a tool of the European Higher Education Area for making studies and courses more transparent. It helps students to move between countries and to have their academic qualifications and study periods abroad recognized. The credits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

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

- **78 credits** from taught core courses (including Research Project),
- **12 credits** from taught elective courses.

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Program Learning Outcomes

- Identify the basic concepts that underpin today's organizational IT infrastructures like concepts of databases, information systems, operations and processes, cloud computing, data warehousing and enterprise resource planning.
- Demonstrate understanding of information security concepts.
- Efficient artificial intelligence methodology and tools.
- Demonstrate understanding of the value of information technologies in improving business decisions, as well as social responsibilities and ethical dilemmas associated with their application and techniques to mitigate these concerns.
- Integrate concepts and theories behind computing and especially programming in order to solve real-world business problems.
- Develop skills for collection, processing, analysis and interpretation of data.
- Apply computing and more specifically artificial intelligence theories and techniques to enhance development and decision-making capabilities.
- Develop critical thinking skills by conducting research in the areas of computing.
- Effectively communicate to top management the results and implications arising from computing, data analytics, security risk assessments, and emerging technologies.

Program Requirements

Core Courses

Basic Functional Skills

		Hours	ECTS
BI395	Foundations of Business Information Technology	28	6
BI430	Quantitative Methods & Statistical Analysis	28	6
BI420	Python Programming	28	6
BI405	Database Management & Cloud Computing	28	6
AT200	Web Application Development	28	6
AT300	Object Oriented Programming	28	6
AT400	Blockchain & Applications	28	6
AT500	Applied Artificial Intelligence & Deep Learning	28	6
AT600	Digital Transformation of Businesses & Organizations	28	6
AT700	Algorithms & Data Structures	28	6
AT1000	Mandatory Research Project	-	18

Elective Courses

BI425	Information Security Management for Business	28	6
AT800	Project Management in Information Technology	28	6
AT900	Technical Entrepreneurship	28	6
BI410	Data Mining, Visualization, & Decision Making	28	6
BI510	Applied Data Analytics, Visualization, & Forecasting	28	6

Join the
#changemakers

Request more information / Contact us

CYPRUS

Campuses

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