

BSc in
**Computing & Business
Technologies**

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.

BSc in Computing & Business Technologies

On Campus



Program Overview

The **Bachelor of Science (BSc) in Computing and Business Technologies** is a modern degree that equips students with the necessary skills to compete and excel in the digital era. It provides a solid foundation in Computer Science including Data Science, Big Data, Machine Learning, Artificial Intelligence, Deep Learning, Blockchain, Cloud Computing and Cybersecurity, as well as applications to business such as Business Analytics, Digital Transformation, Fin-Tech and Project Management.

Choice from a set of electives offered by other Schools of the University, or the choice of a cutting-edge research project complements the student's knowledge and provides the skills for immediate employment in the industry or to continue their studies in the postgraduate level.

The department's international faculty is engaged in cutting-edge research in Computer Science, Management and Economics and has strong ties with the industry, giving the opportunity to the students to undertake real-world research projects and applications to business. All courses are designed with strong practical and hands-on components from day one, making the degree unique, in the sense that it blends its strong Computer Science core with real-world applications in business.

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

Language of Instruction: English

Mode of Delivery: On Campus

Admissions Requirements

1. High school leaving certificate with a minimum grade of 15/20 (for public schools) or 80 (for private schools) or three GCE A Level exams with grades ABB or International baccalaureate with a minimum of 32 points.
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 5.0, or TOEFL with a score of at least 250 (computerized) or 550 (conventional), or Password Plus 5.5.
3. Strong quantitative background.
4. Satisfactory personal statement on application.
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 240 credits as follows:

- 150 credits from core courses from the Computing and Business Technologies (CS code),
- 15 credits from the Bachelor in Economics (EC code),
- 45 credits from the Bachelor of Business Administration (BA code),
- 30 credits from a Thesis or from 4 elective courses from the Bachelor in Economics or the Bachelor of Business Administration.

Program Learning Outcomes

With the completion of the program, students are expected to:

- Understand the basics underlying the modern theory of computing.
- Acquire practical skills related to tools employed in modern IT infrastructures.
- Be able to convert real-world problems and solutions into the language of computing.
- Be proficient in programming languages.
- Apply computing theories and techniques to enhance data-driven decision-making.
- Work in groups to solve complex IT and business-related problems.
- Demonstrate understanding of information security concepts and challenges, including ethical dilemmas and techniques to mitigate them.
- Acquire analytical and quantitative skills and the ability to carry out independent research.



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Program Requirements

Core Courses

Year 1 - Fall Semester

		Hours	ECTS
CS101	Foundations of Business Information Technologies	36	7.5
EC111	Mathematics I	36	7.5
EC101	Microeconomics	36	7.5
BA101	Personal & Professional Development	36	7.5

Year 1 - Spring Semester

CS121	Fundamentals of Computer Science	36	7.5
EC131	Statistics I	36	7.5
CS141	Programming I	36	7.5
BA111	Communication Skills	36	7.5

Year 2 - Fall Semester

CS201	Programming II	36	7.5
CS211	Mathematics II	36	7.5
CS221	Management of Information Systems	36	7.5
BA201	Ethics & Social Responsibility	36	7.5

Year 2 - Spring Semester

		Hours	ECTS
CS231	Algorithms, Data Structures & Databases	36	7.5
CS241	Software Design and Development	36	7.5
CS251	Digital Transformation	36	7.5
BA221	Innovation & Entrepreneurship	36	7.5

Year 3 - Fall Semester

CS301	Cloud Computing & Database Management	36	7.5
CS311	Object Oriented Programming	36	7.5
CS 321	Machine Learning, Data Mining & Business Analytics	36	7.5
BA341	Project Management	36	7.5

Year 3 - Spring Semester

CS331	Operating Systems	36	7.5
CS341	Complexity Theory	36	7.5
CS351	Artificial Intelligence & Deep Learning	36	7.5
BA331	Corporate Finance	36	7.5

Year 4 - Fall Semester

CS401	Networks & The Internet of Things	36	7.5
CS411	Blockchain & Emerging Financial Technologies (FinTech)	36	7.5
CS421	Computer & Internet Security	36	7.5
EC401	Research Methods	36	7.5

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Year 4 - Spring Semester

1. Thesis (Contact Hours: – Credits: 30)
2. Four electives from other Bachelor's programs (Contact Hours: – Credits: 30)
3. Students may choose one of the following options:

A. A Bachelor thesis (optional) - 30 ECTS

B. Students must choose one of the following three thematic areas (concentrations), each consisting of four (4) specified elective courses

All four courses within the chosen thematic area must be completed by the student to acquire the concentration. The chosen thematic area is noted on the Transcript of Credits and the Diploma Supplement, but not on the Degree, which is the same degree (ενιαίο πτυχίο) for all, regardless of the thematic area chosen:

Thematic Area A: Fintech & AI

4 elective courses (30 ECTS)

Thematic Area B: Innovation & Entrepreneurship

4 elective courses (30 ECTS)

Thematic Area C: Business Analytics

4 elective courses (30 ECTS)

4. Any mix of four (4) courses from the above thematic areas and/or from other accredited Bachelor programs (30 ECTS)
5. At the end of the second semester of the 3rd year, students must select either a Bachelor Thesis (30 ECTS) or one of the three thematic areas or a mix of four elective courses from the different thematic areas and/or from other Bachelor programs.

Important note:

- Elective courses can be taken only during the 2nd semester of the 4th year of study.
- Students are permitted to enrol in only one Project-type course throughout the 240 ECTS program.
- Only one of the three listed postgraduate courses can be taken, and only during the 4th year.

Elective Courses

Thematic Area A: Fintech & AI

		Hours	ECTS
EC341	International Finance	36	7.5
EC362	Money & Banking	36	7.5
FB470 *	Innovative Financial Technologies	36	7.5
CS700	Fintech & AI Research Project	36	7.5

Thematic Area B: Innovation & Entrepreneurship

BA411	Starting a New Business	36	7.5
BA361	Business Strategy	36	7.5
CS500	Innovation & Entrepreneurship Research Project	36	7.5
MB745 *	Digital Marketing	36	7.5

Thematic Area C: Business Analytics

BA361	Business Strategy	36	7.5
BA211	Financial Accounting I	36	7.5
BI130 *	Web & Social Media Analytics	36	7.5
CS451	Business Analytics Project	36	7.5

*Postgraduate course. A maximum of one postgraduate course can be taken during the 4th year.

Join the
#changemakers

Request more information / Contact us

CYPRUS

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