

Profile of the programme

With the continuous advancements of Information Communication Technologies (ICT), organizations seek employees with progressive managerial skills and competencies that focus on the appropriate use of ICT as a key enabler of their business success.

Employees, involved in information systems must not only have the background technical knowledge but have the skills to understand, employ and manage concepts, principles, techniques, best practices, and procedures.

The Management Information Systems (MIS) is a 4-year Bachelor of Science hosted by the Department of Management. Aligned with the continuous Technological, Economic and Social Changes the BSc in MIS equips students with extensive knowledge, skills and competences of IT, business, management and economics and prepares them to become the future Digital Transformation Experts.

The MIS (BSc) learning goals are:

- Provide a common body of knowledge and understanding of the fundamental concepts and key principles in the area of Management Information Systems.
- Develop analytical skills to visualize complex business problems and make informed decisions on planning, initiating, organizing, and controlling the operations of the firm's subsystems.
- Develop and apply the principles of problem solving and critical thinking skills to model information systems solutions for business problems.
- Develop communication and collaboration skills in a diverse group to undertake business and professional responsibilities related to the use of information systems in organizations through the use of a competency-based program.

Access to Further Studies

Graduates of the programme can be accepted into Second Cycle degrees (Master's Degree).

ΜΑΘΗΜΑΤΑ ΑΝΑ ΕΞΑΜΗΝΟ

Semester 1:

Course ID	Course Title	ECTS Credits
ACCT-110	Accounting I	6
ECON-261	Principles of Microeconomics	6
ENGL-101	English Composition	6
MIS-151	Business Software Applications	6
COMP-111	Programming Principles I	6

Semester 2:

Course ID	Course Title	ECTS Credits
ACCT-111	Accounting II	6
COMP-113	Programming Principles II	6
MATH-108	Finite Maths with Applied Calculus	6
MIS-256	Web-based Applications Development	6
COMM-200	Business and Professional Communication	6

Semester 3:

Course ID	Course Title	ECTS Credits
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Course ID	Course Title	ECTS Credits
<u>MGT-281</u>	Introduction to Management	6
<u>MIS-201</u>	Systems Analysis and Design	6
<u>BADM-332</u>	Technical Writing and Research	6
<u>MATH-221</u>	Statistics I	6
<u>BADM-230</u>	Business Law	6

Semester 4:

Course ID	Course Title	ECTS Credits
<u>BADM-234</u>	Organizational Behavior	6
<u>MIS-302</u>	Database Management Systems	6
<u>MIS-215</u>	Project Management	6
<u>FIN-266</u>	Managerial Finance	6
<u>BADM-431</u>	Research Methods in Business	6

Semester 5:

Course ID	Course Title	ECTS Credits
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Course ID	Course Title	ECTS Credits
MKTG-291	Marketing	6
MIS-390	E-Business	6
MIS-270	Statistical Applications in Business	6
MIS-450	Digital Transformation Management	6
MGT-355	Leadership in Organizations	6

Semester 6:

Course ID	Course Title	ECTS Credits
MIS-325	Applied Data Communications	6
MIS-460	Supply Chain Management	6
COMP-213	Visual Programming	6
MGT-372	Management of Innovation and Technology	6
BADM-486	Task-Based Internship	6

Semester 7:

Course ID	Course Title	ECTS Credits
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Course ID	Course Title	ECTS Credits
MGT-482	Human Resource Management	6
COMP-401	Software Engineering	6
MIS-415	Principles of Information Security	6
MIS-435	Business Intelligence	6
MIS-455	Intellectual Property Management	6

Semester 8:

Course ID	Course Title	ECTS Credits
MIS-456	Management of Information Systems	6
MIS-465	Business and Management of Games	6
BADM-475	Strategy and Business Policy	6
BADM-493	Final Year Project	6
MIS-470	Business AR/VR/MR	6

Το πιο πάνω πρόγραμμα ανά εξάμηνο είναι ενδεικτικό. Μερικά από τα μαθήματα είναι επιλογής και μπορούν να αντικατασταθούν με άλλα.