



AMERICAN
UNIVERSITY
OF BEIRUT
Mediterraneo

MASTER OF ENGINEERING MANAGEMENT (MEM)



ENGINEERING MEETS LEADERSHIP

OPTIMIZING SYSTEMS. MANAGING
COMPLEXITY. LEADING INNOVATION.

“After 15 years in real estate development, the MS in Engineering Management at AUB Mediterraneo equipped me with the managerial insight and tools to lead our projects and team with greater confidence.”

— *Anas Azayzeh, MS Engineering Management, AUB Mediterraneo '25*



PROGRAM OVERVIEW

The MEM at AUB Mediterraneo is a 1.5 year program that prepares engineers to lead technology-driven organizations and manage complex systems. The program integrates engineering expertise with management, decision science, and project leadership, equipping graduates to lead large-scale projects and drive innovation across industries.

WHAT MEM GRADUATES ARE EQUIPPED TO DO

Lead multidisciplinary engineering and technology teams

Structure and manage large-scale projects, programs, and portfolios

Design and optimize complex socio-technical systems

Apply advanced analytical and optimization models to real-world challenges

Manage risk across financial, operational, and technological dimensions

PROGRAM STRUCTURE AND CONCENTRATIONS

Financial and Industrial Engineering

Advanced coursework in optimization, stochastic processes, simulation modeling, financial engineering, portfolio management and supply chain design.

Project and Program Management

Specialized study in digital transformation, sustainability, lean engineering, project control and contracts.

TWO PATHWAYS

Non-Thesis

An applied, professionally oriented track emphasizing advanced electives and a capstone project.

Thesis

A research-intensive track supporting innovation, advanced study, or doctoral progression in engineering management and related fields.

WHAT MAKES THIS MEM DISTINCT

- Built on AUB's 30+ year legacy in engineering management education, and alumni network
- Strong analytical foundation in optimization, financial engineering, infrastructure, logistics, and manufacturing
- Research-active faculty engaged in international and industry collaborations
- Practical, real world experience: Case study-based, funded internship/exchange in Europe
- World-renowned industry and academic guest speakers

APPLICATION AREAS

- Infrastructure and construction projects
- Logistics and supply chain optimization
- Manufacturing and industrial operations
- Financial engineering and risk modeling
- Technology and innovation management
- Digital transformation and AI-enabled operations



BENEFITS TO STUDENTS

Advanced quantitative and analytical expertise
Understanding of human, financial, risk, and regulatory dimensions
Skills in operations and supply chain management
Leadership preparation for technical environments
Research and innovation opportunities
Personalized learning, career support, and available scholarships and research assistantships



BENEFITS TO EMPLOYERS

Engineers with managerial and strategic capabilities
Strong analytical and quantitative expertise
Expertise in optimization, risk analysis, and financial modeling
Ability to guide technological and organizational change
Effective communicators who maximize efficiency and safety in complex systems



THE CYPRUS AGENCY OF QUALITY ASSURANCE
AND ACCREDITATION IN HIGHER EDUCATION

ABOUT AUB MEDITERRANEO

Located in Pafos, Cyprus, AUB Mediterraneo is a branch campus of the American University of Beirut (established 1866). It combines AUB's academic heritage with a European setting, offering internationally recognized programs grounded in quality, relevance, and impact.



[AUBMED.AC.CY](https://aubmed.ac.cy)



CONTACT US

admissions@aubmed.ac.cy
+357 99 994144