



AMERICAN
UNIVERSITY OF BEIRUT
MAROUN SEMAAN FACULTY OF
ENGINEERING & ARCHITECTURE

ABDULLA AL GHURAIR
HUB FOR DIGITAL
TEACHING & LEARNING

STAY AHEAD OF THE CURVE

Partner with us for upskilling!



2025

CONTENT

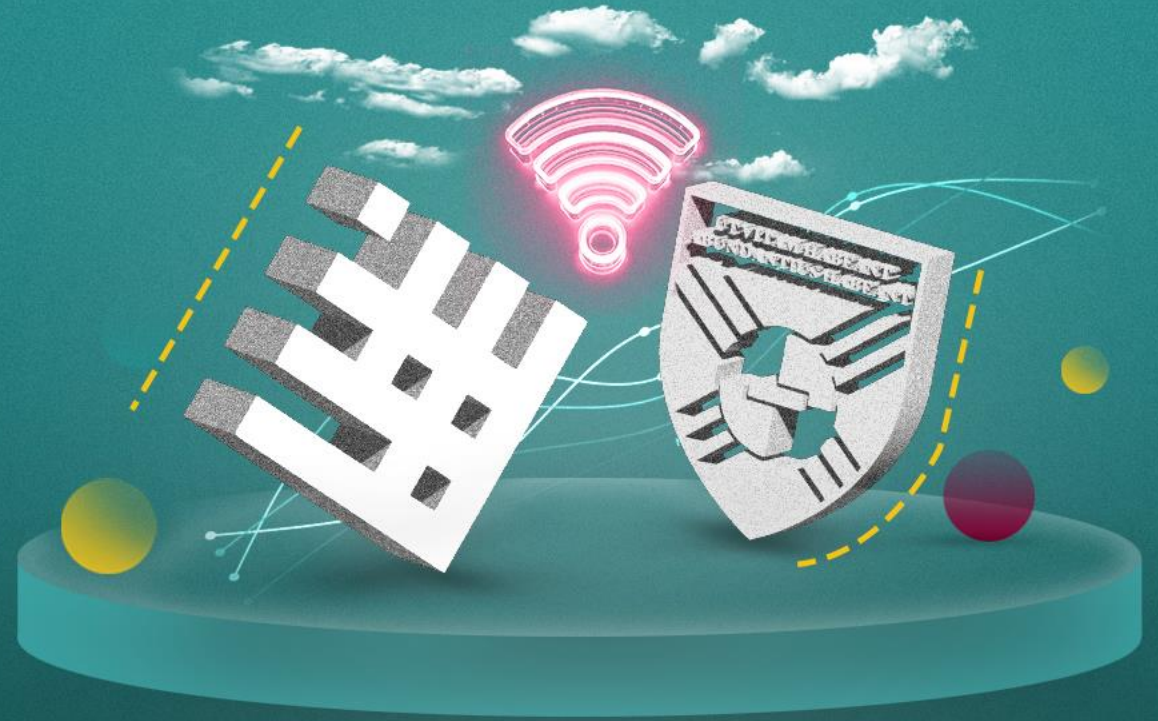
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| WHO WE ARE



Abdulla Al Ghurair Hub for Digital Teaching and Learning



مؤسسة عبد الله الغرير
Abdulla Al Ghurair Foundation



AMERICAN
UNIVERSITY OF BEIRUT

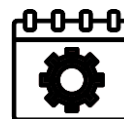
MAROUN SEMAAN FACULTY OF
ENGINEERING & ARCHITECTURE

Mission

- [Promoting innovation in education]
- [Increasing access to, and impact of, high-quality education for Arab youth]
- [Providing industry-relevant education & training for working professionals]



Unique Programs



Online Interactive Learning



Expert Instructors

13

LAUNCHED PROGRAMS

3,600+

TOTAL ENROLLMENTS



| COLLABORATION





TAILORED DEVELOPMENT WORKSHOPS

- [Tailored trainings to meet specific skill needs]
- [Collaborative projects addressing workplace challenges]
- [Flexible delivery: online, on-site, or hybrid]



UPSKILLING PROGRAMS

- [Corporate discounts on existing online programs]
 - [Supporting employee education and retention]
- [Available Corporate Discounts (5+enrolments 15%) (10+ 20%)]
[Fee/Course 350\$ per credit; Average Fee/Diploma: 3,600 – 4,900]



ADVISORY ROLES

- [Employers guiding program design to ensure relevance]
- [Market research]
- [Skill gap analysis and curriculum development]



TALENT RECRUITMENT SUPPORT

- [Early access to skilled graduates]
- [Announcement of job opportunities via Hub network]

| PROGRAMS



**Skills
Pillars**

LEADERSHIP & MANAGEMENT

DIGITAL

**SUSTAINABILITY AND
CIRCULARITY**

**ENTREPRENEURSHIP,
INNOVATION, & DESIGN THINKING**

Programs

Engineering Management
Master's Degree

AI & Data Science
Graduate Professional Diploma

**Sustainability in the Built
Environment**
Graduate Professional Diploma

Entrepreneurship & Innovation
Graduate Professional Diploma

Project Management
Graduate Professional Diploma

UX & UI
Graduate Professional Diploma

**Nomu: Fundamentals for a
Sustainable Built Environment**
Certificate

Design Thinking
Certificate

Engineering Management
Graduate Academic Diploma

Cybersecurity
Graduate Professional Diploma

**Intelligent Technical
Communication**
Certificate

AI Starter Kit
Certificate




Digital Construction Management
Certificate

Remote Sensing/GIS
Certificate

**Stand
Alone**

PMP EXAM Preparation
Course

**Introduction to Computation &
Programming – Python Course**

 Launched
 In Progress
 In the Pipeline



PROJECT MANAGEMENT

Online Graduate Professional Diploma

Gain a comprehensive understanding of managing complex projects and the skills needed to organize, plan, and execute projects on time and in full.



Fresh graduates
from all
backgrounds



Working professionals
in project
environments

Topic Covered

Project Planning
Scheduling & Control

Accounting
& Finance

Lean Project
Management

Agile Project Management

Conflict Resolution

Procurement &
Supply Chain

Leadership &
Communication

Risk Management

PMP Exam Prep



Format
100% Online
(Asynchronous)



Language
English



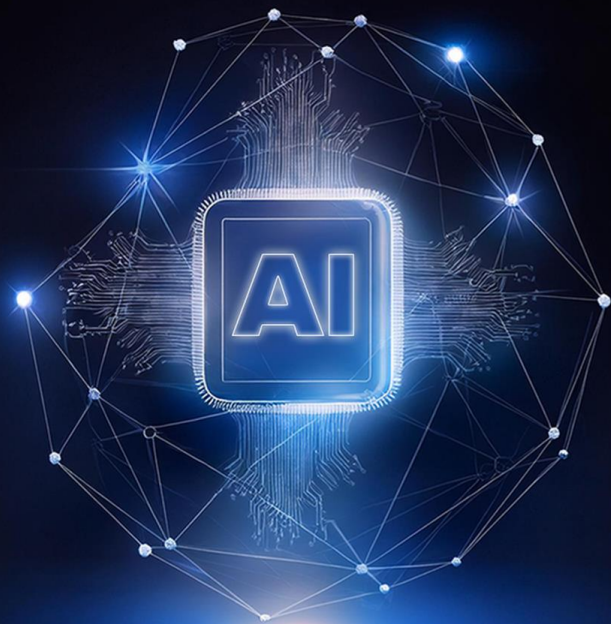
Total tuition Fees
\$3,600



Curriculum
6 courses – 12
credits



Duration
9 to 12 months



TAKE OFF ON A NEW UPSKILLING JOURNEY

AI & DATA SCIENCE

Online Graduate Professional Diploma

Uncover AI and Data Science concepts in several contexts while focusing on regionally relevant applications and the integration of ethics as a core component.



Computer Science & Engineering Graduates



Fresh graduates and professionals from all backgrounds*



Entrepreneurs seeking to transform their business by upskilling their employees in this field

Topic Covered

Machine Learning

Data Science

Deep Learning

Large Language Models

Arabic Natural Language Processing

Business Analytics

Data Analytics for Public Policy

AI in Health



Format
100% Online
(Asynchronous)



Language
English



Total tuition Fees
\$3,600
(excluding the 3 preparatory courses)



Curriculum
7 courses – 12
credits (Excluding
Pre-requisites)



Duration
9 to 12 months

*Applicants with no prior background from a relevant field will be required to take up to 3 preparatory courses (1 credit each)

UX UI DESIGN

Online Graduate Professional Diploma

This program is built on the solid foundation of 'human centric design' principles, offering skill-focused training that spans from in-depth user research to the crafting of sitemaps and wireframes.



Graphic/UI
Designers



Entrepreneurs



Young Professionals
seeking to gain a new
highly in-demand skill.

Topic Covered

Design Research

UX Processes

Web & Mobile User
Experience

UI for Web & Mobile

UX Management
Strategy

Optimizing Products
& Experiences



Format
100% Online
(Asynchronous)



Language
English



Total tuition Fees
\$3,600 - \$3900



Curriculum
6 courses – 12
credits (Excluding
Pre-requisites)



Duration
9 to 12 months

*Applicants with no prior background from a relevant field will be required to take 1 preparatory courses (1 credit each)

CYBERSECURITY

Online Graduate Professional Diploma

This program will equip you with essential highly in-demand technical skills needed to take on cybersecurity roles confidently.



IT professionals



Computer Science & Engineering Graduates



Fresh graduates and professionals from all backgrounds*

Topic Covered

Computer & Network Security

Software Security

Data & Information Security

Cloud Security

Mobile Platform & IOT Security

Applied Cryptography & Computer Forensics



Format
100% Online
(Asynchronous)



Language
English



Total tuition Fees
\$4,200



Curriculum
6 courses – 12 credits



Duration
1 Year



SUSTAINABILITY IN THE BUILT ENVIRONMENT

Online Graduate Professional Diploma

This program provides you with the fundamental skills to tackle the main challenges to the sustainability of buildings, neighborhoods, and infrastructure, particularly in the Arab region.



Engineers
designing and
constructing
building systems



Architects
tackling urbanization
challenges to design
sustainable neighborhoods

Topic Covered

Socio Ecological
Systems

Life Cycle
Assessment

Construction
Materials Circularity

Environmentally
Responsive New &
Existing Buildings

Resilient Building
Design

Building Rating
Systems



Format
100% Online
(Asynchronous)



Language
English



Total tuition Fees
\$4,200



Curriculum
6 courses – 12
credits



Duration
10 to 14 months

This master's program offers hands-on experience with a strategic focus on project management, equipping you to design and manage efficient systems and processes.



Engineers and managers in technical industries



Architects aiming to transition into the business side of architecture

Topic Covered

Strategic Management of Technology

Introduction to Financial Engineering

Probability and Decision Analysis

Operations Management

Lean Engineering Concepts

Project Risk Management

Applied Data Science

Project Planning Scheduling and Control

Project Deliverance and Contracts



Format
100% Online (Asynchronous)



Language
English



Total tuition Fees
\$13,464 - \$18,513



Curriculum
11 courses – 33 credits



Duration
12 to 24 months

ENGINEERING MANAGEMENT

Online Master's Degree

This program is designed for the ambitious go-getters and innovative thinkers.



Fresh graduates and professionals from all backgrounds



Entrepreneurs



Working professionals

Topic Covered

Design Research for Innovation and Change

Introduction to the Lean Startup

Foundations of Entrepreneurial Management

Regional Entrepreneurial Ecosystems

Strategic Communication for Entrepreneurs

ENTREPRENEURSHIP AND INNOVATION

Online Graduate Professional Diploma



**Format
100% Online
(Asynchronous)**



**Language
English**



**Total tuition Fees
\$3,600**



**Curriculum
5 courses & 1
Capstone project**



**Duration
9 months**

This program integrates human, emotional, and artificial intelligence to enable technical professionals to communicate complex ideas with greater clarity, impact, and tech-savviness.



Engineers from
different disciplines



Professional in
technical fields

Topic Covered

Strategies for
Technical
Communication

Effective Technical
Writing

Data Visualization and
Visual Narratives

Designing and Delivering
Technical Presentations

INTELLIGENT TECHNICAL COMMUNICATION

Online Professional Graduate Certificate



Format
Online/ Hybrid
(Asynchronous)



Language
English



Total tuition Fees
\$1,750



Curriculum
4 courses



Duration
4 months

NOMU AL GHURAIR SUSTAINABILITY

Fundamentals for a Sustainable
Built Environment

This certificate provides foundational understanding of sustainability in the built environment in the MENA region to help participants integrate sustainability considerations into their work.



Engineers & Architects
Innovating Sustainable &
Efficient Designs



Sustainability Professionals
Driving Innovation from Policy to
Implementation

Topic Covered

**Socio Ecological
Systems**

**Life Cycle
Assessment**

**Construction Materials
Circularity**

**Environmentally
Responsive New &
Existing Buildings**

**Resilient Building
Design**

**Building Rating
Systems**

**Policy Making for
Mainstreaming
Sustainability**



Format
100% Online
1 Week in person



Language
English



Total tuition Fees
Fully Funded

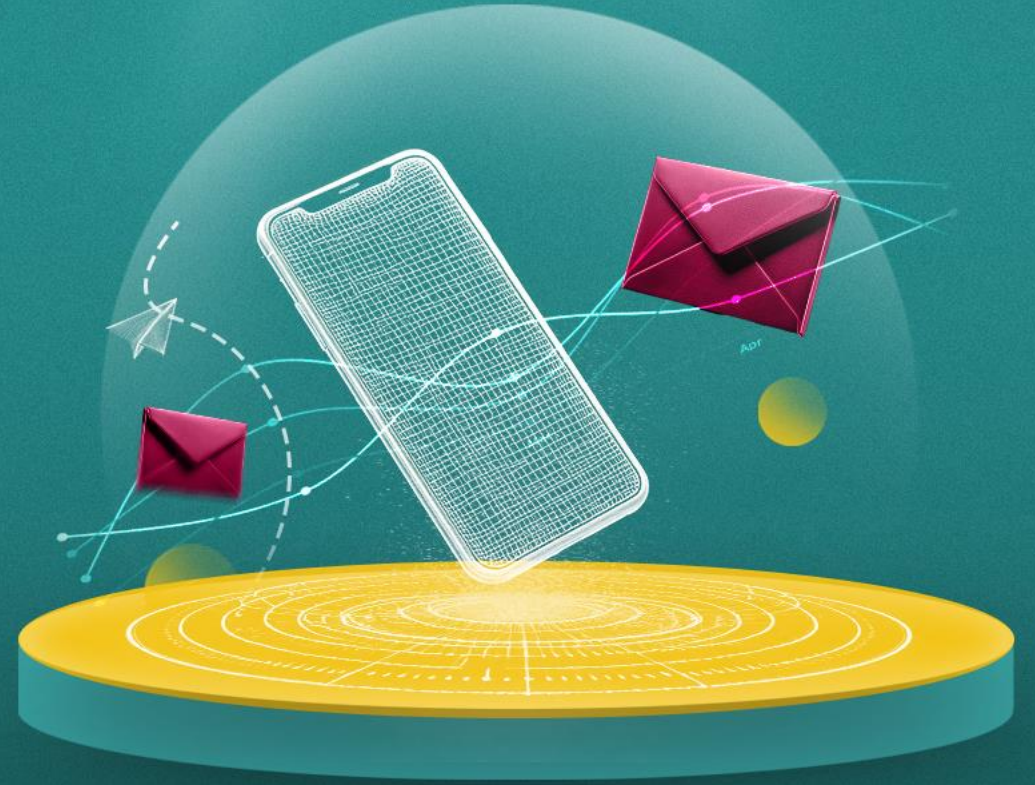


Curriculum
7 Modules



Duration
6 months

| LET'S CONNECT



LET'S CONNECT

TransformED

TransformED | September 18-19, 2025

Location: AUB

Objective: Ignite a collective reflection around learner-centric higher education & redefine the future university experience in the context of a rapidly evolving digital landscape specifically in the MENA region.

Audience: Educators, entrepreneurs, administrators, industry professionals.

The graphic is a promotional poster for TransformED 2025. It features a central figure of a person in a white shirt standing on a glowing blue cube, reaching up towards a floating laptop. The background is dark with a grid of glowing blue lines and various icons representing technology and education, such as a globe, gears, a cloud, and a person. The text on the left side of the poster provides details about the event, including its location at the American University of Beirut (AUB) and its focus on digital learning and education in the MENA region. The right side of the poster is a large, stylized illustration of the person on the cube interacting with the floating laptop, surrounded by digital elements.

AMERICAN UNIVERSITY OF BEIRUT
HUB FOR DIGITAL TEACHING & LEARNING

TRANSFORMED
Empowering Learner Experience

September 18-19, 2025 | American University of Beirut

In a region where crises—whether conflicts, or economic challenges—are increasingly disrupting the foundation of society, the role of education as a stabilizing force has never been more important.

TransformED 2025, a bi-annual summit launched by the Abdulla Al Ghurair Hub for Digital Teaching & Learning at the Maroun Semaan Faculty of Engineering and Architecture (MSFEA), at the American University of Beirut in partnership with the Abdulla Al Ghurair Foundation aims to address this critical need by exploring how digital learning can foster adaptation, resilience, and growth in higher education throughout the MENA region.

Key Strands of TransformED 2025:

- 1- Open Access to Education in the MENA Region:**
Education for All
Breaking Barriers
Digital Education in Times of Crises
- 2- Enhancing Educational Standards:**
Student-centric Approach
Turning Data into Action
Language Diversity
- 3- Professions & Future of Work: Bridging the Gap**
Digital Education for Lifelong Learning
Understanding Market Needs

As we look to the future of education in the MENA region, one thing is clear: innovation is key. By embracing digital learning, educational institutions can not only weather crises but also emerge stronger, more adaptable, and better equipped to serve the next generation of students.

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LET'S CONNECT

Contact us



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aub.edu.lb/msfea/online/Pages/Programs



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THANK YOU

