



جامعة الخليج الطبية
GULF MEDICAL UNIVERSITY
ACADEMIC HEALTH CENTER

**THUMBAY COLLEGE OF MANAGEMENT
AND AI IN HEALTHCARE**

A Program preparing
you for the Healthcare
of Tomorrow

AI

BACHELOR OF SCIENCE IN APPLIED AI IN HEALTHCARE



QAA



Times Higher Education
Impact Rankings 2025

Duration
4 Years

123 Credits

PROGRAM OVERVIEW

The curriculum covers programming, machine learning, digital health, precision medicine, medical robotics, and quantum computing. Students engage in hands-on learning through research and capstone projects, as well as an industry internship. The program emphasizes ethical, legal, and professional standards, preparing graduates with interdisciplinary expertise, technical proficiency, and practical exposure to innovate in healthcare informatics, digital health solutions, and AI-driven decision-making

PROGRAM HIGHLIGHTS

- Interdisciplinary Curriculum - Combines AI, machine learning, and healthcare sciences.
- Hands-on Learning - Research and capstone projects addressing real-world healthcare challenges.
- Industry Internship - 15-week practical training in healthcare organizations.
- Innovative Courses - Covers digital health, precision medicine, robotics, and quantum computing.
- Ethics & Governance - Strong focus on legal, ethical, and societal aspects of AI in healthcare.
- Advanced Tools - Training with TensorFlow, PyTorch, NLP, EHR systems, and simulation platforms.
- Global Readiness - Aligned with QF Emirates Level 6, preparing graduates for careers or advanced studies worldwide

CAREER OPPORTUNITIES

- Clinical Data Analyst
- Health Informatics Specialist
- AI Solutions Developer
- Digital Health Consultant
- Medical Imaging Analyst
- AI Research associate in healthcare
- Incharge for AI Lab

WHY STUDY AT GULF MEDICAL UNIVERSITY



Academic Health Centre
integrating
Academia, Research and
Healthcare



Times Higher Education
Impact Rankings 2025

Ranked 1st by Times Higher
Education Impact Ranking 2025
in "Good Health & Well Being"
among all Universities in the UAE.



28 years of Excellence in
Education, Healthcare
and Research



An-Award winning
University in Quality &
Excellence



29 programs



Students from
more than
105 Nationalities



Own Network of
Academic Hospitals in
addition to many clinics
and pharmacies



70+ Collaborations
with International
Universities



PhD
Qualified Faculty

SALIENT POINTS

- Specialized and Futuristic Courses
- Opportunity of hands on experience in our state-of-the-art Thumbay Lab for AI in Healthcare
- Access to real healthcare datasets

PROGRAM ENQUIRIES

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ADMISSION ENQUIRIES

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Join us in our mission to create value for the health industry