

THE LEGAL IMPACT OF DIGITAL TRANSFORMATION ON THE MEDICAL FIELD



 **Date:** 8th of March 2024

 **Hours:** from 2pm to 8pm (Beirut Time)

Modality: in person

 **Location:** Campus of Innovation and Sport - Block B - 1st floor - CFP training room (Michel Ghazal)

DESCRIPTION

This course examines the legal impact of the digital transformation of medicine through telemedicine, cloud computing, data analytics, and artificial intelligence (AI). It also explores the different aspects of the interaction between technology and policy around the topics of privacy and security (data protection, information privacy, and digital security). It covers the current (in Lebanon) and potential legal and regulatory strategies that can be used to achieve aims such as data protection and ethical artificial intelligence.

LEARNING OUTCOMES

- Define data privacy
- Identify the personal data protection rights
- Describe the legal issues arising from digital transformation
- Understand the ethical and legal framework for Artificial Intelligence (AI)
- Differentiate data protection and data security

 **Deadline for registration:** 7th of March 2024



Mr. Youssef BAKHACHE

Mr. Youssef Bakhache is a Healthcare, Education, and Artificial Intelligence and Data Law specialist, holding a BA in Law and a Profession Degree in Mediation from Saint Joseph University, Lebanon, and a

Master of Laws from Northwestern University, Chicago, IL, USA.

With over 13 years of experience in domestic and cross border transactional and litigation services in a diversity of fields, he advises local and international firms in the MENA.

Module 1	HealthCare Data Management
Learning Outcome	Gain the understanding of principles of data analytics, interoperability, protection and privacy in Public Health Information Systems
Topics covered	<ul style="list-style-type: none"> • HealthCare Data Analytics • Health Data Standards • Coding and Interoperability • Data Quality and Patient Safety • Data Privacy and Security Issues • GDPR, Ethical considerations
Module 2	Digital Hospital & Trends in Health IT
Learning Outcome	Gain the understanding of Digital Hospitals, issues and consideration involved in the deployment of informatics in hospital settings; including a review of challenges and success factors in implementing Electronic Medical Records
Topics covered	<ul style="list-style-type: none"> • Healthcare Information Systems • EMR Adoption • Implementation of Health Record systems • Mobile Health, Telehealth & Artificial intelligence • Bedside technology, Robotics • Health 5.0, Personal Health Record, Etc.
Module 3	Public Health Information Management
Learning Outcome	Gain the understanding of applications in pandemic, public disease control, access, guidance and prevention; principles and challenges involved in the ethics of data collection
Topics covered	<ul style="list-style-type: none"> • Patient Journey & Public health • Managing Data for Pandemics and Emergency Management • Data and tools for Equity in care (Quintuple Aim) • The use of Geographic Health Information Systems (GHIS) • Data and Disaster Risk Reduction Sendai Framework • Ethics of Data Collection