

**Program:** Introduction to digital technologies for health Enabling platforms : Artificial Intelligence Enabling platforms : Virtual and Augmented Reality Digital Health and App(lications) for wellness / wellbeing Digital Medicine: introduction Digital Medicine: measurements, digital biomarkers Digital Medicine: interventions (Digital Therapeutics, Digital Supports, Digital Rehabilitation, Connected Devices, Digital Pills) Digital Therapeutics: definition, research and development, adoption in medical practice Ethics and security of digital health technologies

**LEARNING OUTCOMES:** Acquire knowledge about the dimensions of Digital Health, Digital Medicine and Digital Therapeutics, their products, research and development methods, regulatory requirements, adoption and application in medical practice. To understand the differences between different technological approaches, measurement (digital biomarkers, digital questionnaires, EMA Ecological Momentary Assessment ) and intervention tools (Digital Therapeutics, Digital Supports, Digital Rehabilitation, Connected Devices, Digital Pills).

**Prerequisites:** Students should have sufficient knowledge of digital technologies and English to fully understand concepts relevant to the development and proper management of digital health, medicine and therapy technologies.

**Evaluation:** us not only on the knowledge of the main notions of the proposed topics but also on the assimilation of concepts and relationships related to the use of digital health technologies within the health care system.