MEDTEC SCHOOL

Course: Healthcare Management

Year (1ˢᵗ-2ⁿᵈ-3ʳᵈ-4ᵗʰ-5ᵗʰ-6ᵗʰ): 4ᵗʰ

Period (1ˢᵗ-2ⁿᵈ semester – annual): 1ˢᵗ semester

Credits: 5

Objectives

This course teaches the fundamental concepts of management theory applied to health and social care. Attendees will develop a clear understanding of the challenges that the healthcare ecosystem is facing nowadays. They will learn also the latest managerial approaches for sustainable effectiveness in health and social care delivery. Senior health and social care senior managers will join dedicated classes to provide attendees with lessons learned from the field. The course will deal with two main topics: technology assessment (HTA) and innovation management in healthcare; hospital strategies about new technologies and the main processes and organizational units in hospitals connect to HTA and technology management; behavioural theories about the acceptance and adoption of technologies by patients and health professionals. Knowledge developed in this course will be salient for all students interested in practice in professional and/or knowledge-intensive contexts

Prerequisites

The course is open to all students, without specific requirements.

Contents

Section 1 - Technology Assessment (HTA) in Health Care

- Value-Based Health Care & Digital Health
- Cost-Utility Analysis & League Tables
- Multi-Criteria Decision Analysis
- Health Technology Assessment (HTA)
- Disinvestment for Investment

Section 2: Hospitals' strategy about new technologies

- Hospital strategies about technology adoption
- Technology Assessment in Hospitals (HBHTA): goals, organizational configurations, methods, performance
- Organization Theory and Design applied to Health Care

Teaching Methods

The course will be delivered by means of face-to-face classes. Interaction will be facilitated through the usage of ad-hoc software (e.g., Pollev). During the semester, students will develop a project work in small teams on topics proposed by the lecturers.

Verification of learning

Verification of learning will be based on the comprehensive quality of the group project work (50%) and on an oral exam (50%).

Texts

All relevant material will be made available by the lecturers through the educational portal.