

# Global Health Systems

**Person in charge:** Maria TROCAN

**Prerequisite:** -

**Organization:** 24hrs lectures, 24 hrs project

**Evaluation:** Exam, project

**ECTS:** 5 credits

## Context

*"During the past few decades the volume of medical knowledge has increased so rapidly that we are witnessing an unprecedented growth in the number of medical specialties and subspecialties. Bringing this new knowledge to the aid of our patients in an economical and equitable fashion has stressed our system of medical care to the point where it is now declared to be in a crisis. All these difficulties arise from the present, nearly unmanageable volume of medical knowledge and the limitations under which humans can process information."*

- Marsden S. Blois, *Information and Medicine: The Nature of Medical Descriptions*, 1984

Yet, delivering better care, better health, lower cost and faster return to duties is the new quest. And health systems transformation heroes are designing online medical websites, health apps, YouTube content, home and homeopathic remedies, retail health clinics, chat spaces, DIY cures and many other options for resolving health systems challenges.

More than the understanding of the cracks and fissures in existing health systems, but the desire for improving health that the new systems and solutions could provide will make "the right care at the right time and the right place" happen.

## Objectives

### *Skills*

This module provides a practical introduction to health systems global challenges and a way to problem solving. Small teams explore, identify, and define new ways to managing health. And over the 24hrs dedicated for the project, the teams select a common health problem; investigate what is not working and that should; map the current and plan future health ecosystems; explore emerging health

technologies and trends. By the end of the module, team have created the new models; mocked the new way of doing and have developed the engagement strategies.

## *Knowledge*

This module enables students to develop understandings:

- **Concepts**
  - Global health systems, comparing and contrasting
  - Population Health and individual health
    - The role of data, information, and knowledge
  - Global health challenges
    - The qualitative and quantitative of the user experience and the health statistics
  - Health impacts, health outcomes, and the measurable objectives of Health interventions
  - Spaces and places for care delivery
    - Consumer & Mobile health
  - Primary, secondary and tertiary care
  - Continuum of care & care coordination
- **Know-How**
  - Design thinking
    - Observation, personas
  - Project & Transformation Management

## **Pedagogical Approach**

Lectures, practical work, project.

## **References**

Lecture notes.