

Elective course

# COURSE SPECIFICATION SUMMARY

## COURSE OVERVIEW

**ADPM 654**

**Digital Health and Innovation  
for Primary Health Care  
Management**

## HIGHLIGHTS

This course covers topics on digital health including innovations for healthcare and primary health care management, Internet of Things (IoT), virtual care, medical robotics and actuators, remote health promotion, hospital information and management system, big data analysis, and tools for enabling data exchange.

# MASTER OF PRIMARY HEALTH CARE MANAGEMENT

(INTERNATIONAL PROGRAM)

## CREDITS & HOURS:

3 (3-0-6) credits (Lecture – Practice – Self-study)

## VENUE:

ASEAN Institute for Health Development  
Mahidol University, Salaya

## LATEST COURSE UPDATED:

1 September 2023

## NUMBER OF HOURS PER SEMESTER:



Lecture: 45 hours; Practice: 0 hours;

Self-study: 90 hours

## AFTER ENROLLMENT THE STUDENTS WILL BE ABLE TO:

- Describe the importance of digital health during the disruptive era
- Identify the relevant technologies and telecommunication techniques to solve primary health care problem
- Select the appropriate digital health in different scenario
- Demonstrate how digital health could enabling data exchange for primary health care

## RESOURCES & MATERIALS

- Textbooks: 
- Online Platforms:  Mahidol library data base, Google Classroom, etc.
- Supplementary Materials: Articles