



臺北醫學大學
TAIPEI MEDICAL UNIVERSITY



Mahidol University
Faculty of Public Health

Online Program on Bi-Lateral Exchange Student Program 2022

ONLINE CREDIT PROGRAM IN PUBLIC HEALTH & HEALTH INDUSTRY MANAGEMENT 2022

Eligible Students:
Undergraduate & Postgraduate

**REGISTER
NOW!**



CURRICULUM



Courses on Public Health

- Health behavior & mental health
- Health Policy
- Environmental epidemiology
- Chronic Disease Epidemiology
- Epidemiology in Infectious Diseases
- Injury Prevention and Disabilities



Healthcare Management

- Management Theories
- Health Policy in Taiwan
- Management information system



***Students can get
Credit Certificate from TMU**

COURSE ASSISTANT

Ms. Jessie Wang (Course Assistant)
Ms. Flora Chang (International Administrative Assistant)

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Online Credit Program in Public Health and Health Industry Management 2022

-For Mahidol University-

A. Timeline :

Step	Description	Date
1	Student Enrollment	March 1 – March 31
2	Student Online Learning Period	April 11 – July 31
3	TMU confirms the completion of the course and score review	August 1 – August 31
4	Student register TMU-STEP online platform to obtain the credit	Notification to register will be sent to the students respectively upon the completion of the course is confirmed.
5	Issuance of Certificates	Will be issued by the Office of Global Engagement (OGE) in the first half of 2023.

*The course platform is under construction now and will be finished soon.

*3-4 hrs. of course will be uploaded weekly.

*No. of hours lectured by Mahidol's professors to be determined.

B. Background

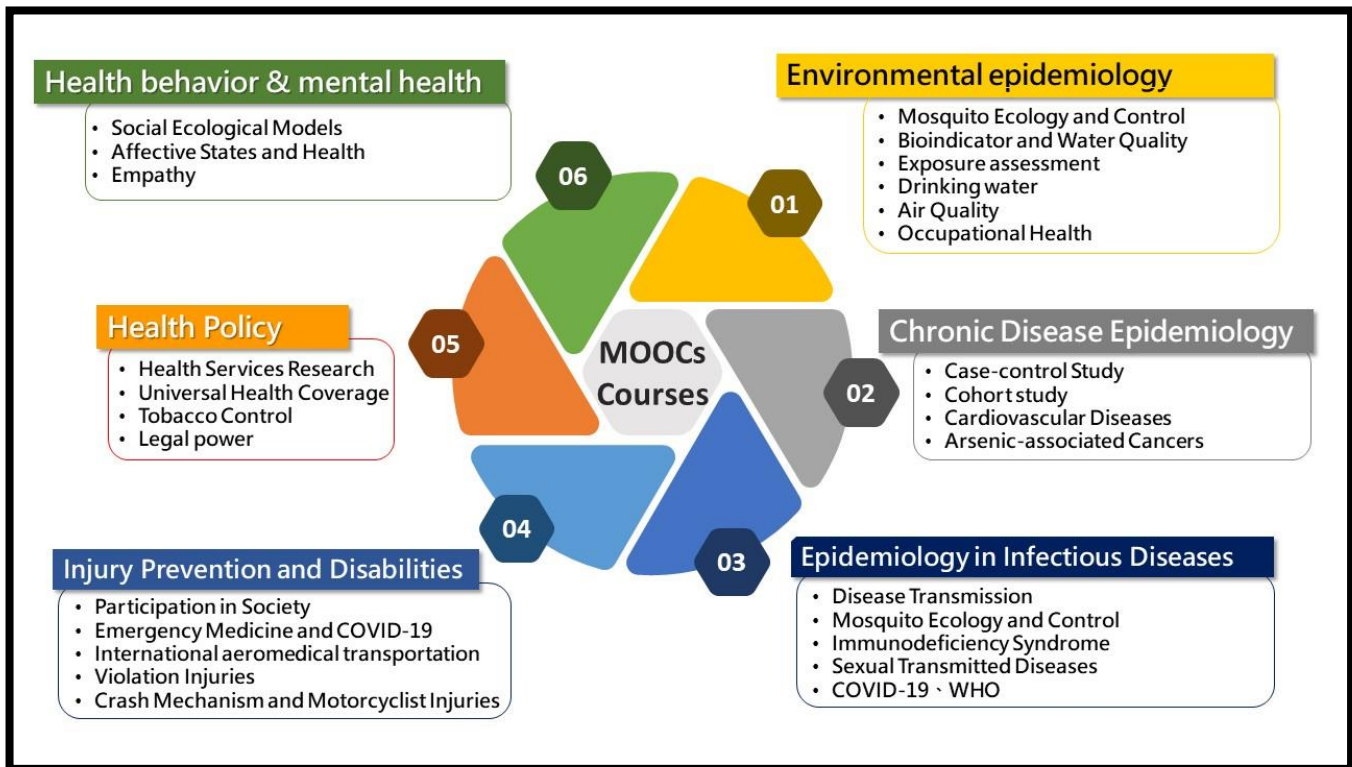
During the COVID-19 pandemic, both healthcare management and public health play an important role in supporting frontline medical staff with their expertise. Therefore, the awareness of the importance of healthcare management and public health and the formation of their related professionals of higher education has been raised. The types of cross-border exchange have also been changing along with the maturity of the application technology of internet and online platforms that brings physical conference to virtual; and more opportunity of international education and international collaboration has been created accordingly.

To encourage students to learn about healthcare management and public health related issues and realize the goal of cultivating professionals in these fields, the College of Management and the College of Public Health of Taipei Medical University (TMU) is now providing 2 courses of the belonging fields such as the pictures below that involves current issues and practical

applications via E-Learning platform. Students can be certified by the formal certificate of completion and credit certificate upon the finalization of certain requirements as the recognition of possessing the belonging knowledge.

*Courses on Public Health

Many major public health issues have had a great impact on the health of the nation, the healthcare system and the economic development of the country, and even on Taiwan's interaction with the international community. Therefore, College of Public Health has been focused on education and research in various fields in advanced health sciences and technology which includes the following six aspects for talent cultivation.



*Courses on Health Industry Management

Management science has been developed for hundreds of years, and there are special management methods for various fields and occupations to improve industrial efficiency and enhance the development of countries. Different from the academic units in general industrial management, our College is based on the management of healthcare institutions, deepening information integration and innovative management techniques to cultivate top management talents in medical and biotechnology industries. Therefore, this special series of MOOCs focus on the following four aspects, and also integrate the development characteristics of Taiwan to share the outstanding cases and enhance the international visibility.



C. Program Completion Types :

Type	Objectives	Requirement	Certificate
Type 1	Get to know sufficient knowledge on the “international public health” to the entry level of public health professional.	Complete 26 hours of courses	<ul style="list-style-type: none"> ✓ Certificate of Completion ✓ Credit Certificate of 2 credits of the “International Health Research Course” <i>*Students affiliate in the College of Public Health can waive 2 credits.</i>
Type 2	Get to know the overview on the “healthcare management” and its management spirit.	<ol style="list-style-type: none"> 1. Complete 30 hours of management field. 2. Complete the tests with the passing score. **There will be 5 chances for passing the test of each course. 	<ul style="list-style-type: none"> ✓ Certificate of Completion ✓ Credit Certificate of 2 credits on the “Health Policy Management” <i>*Students affiliate in the College of Management can waive 2 credits.</i>
Type 3	Get to know the basic knowledge on the “public health” and “healthcare management”	<ol style="list-style-type: none"> 1. Complete 10 hours of management field. 2. Complete 10 hours of public health field. 	Certificate of Completion

Annex

A. List of Course on Public Health (34H) :

*The lectures marked with “New” are recorded in 2022 which didn’t appear in last year’s program.

Course Title	Lecturer	Topic	Note
Epidemiology in Infectious Diseases	Dr.Chih-Ching Yeh 葉志清	Introduction to Infectious Diseases Epidemiology	New
	Dr. Ting-Wu Chuang 莊定武	Mosquito Ecology and Control	New
	Dr.Shu-Hsing Cheng. 鄭舒倬	Acquired Immunodeficiency Syndrome	New
	Dr. Yi-Te Chiang 江怡德	Introduction of Common Sexual Transmitted Diseases	New
	Dr. Wei-Cheng Lo. 羅偉成	Combating COVID-19: The Taiwan Model	New
	Dr. Wun-Ji Shieh 謝文儒	Recent Challenges of Emerging and Reemerging Infectious Diseases	New
	Dr. Wun-Ji Shieh 謝文儒	One Health-Global Impact of Emerging Zoonoses	New
Chronic Disease Epidemiology	Dr. Fang-I Hsieh. 謝芳宜	Study Design of Chronic Disease Epidemiology: Case-control Study	New
	Dr. Fang-I Hsieh. 謝芳宜	Study Design of Chronic Disease Epidemiology :Cohort study	New
	Dr. Chyi-Huey Bai 白其卉	Cardiovascular Diseases	New
	Dr. Meei-Maan Wu 吳美滿	Arsenic-associated Cancers: Seeking Etiology by Epidemiology	New
Environmental epidemiology	Dr. Ching-Yao Hu 胡景堯	Drinking water	New
	Dr. Ting-Wu Chuang 莊定武	Mosquito Ecology and Control	New

Course Title	Lecturer	Topic	Note
	Dr. Yen-Tzu Fan 范晏慈	Bioindicator and Water Quality	New
	Dr. Chia-Huang Chang 張嘉晃	Exposure assessment-biomonitoring.	New
	Dr. Chia-Huang Chang 張嘉晃	Endocrine disruptors and children's health	
	Dr. Kai-Jen, Chuang 莊凱任	Air Pollution and Prevention Strategy for General Population	
	Dr. Hsing Jasmine Chao 趙馨	Air Quality and Health	
	Dr. Ming-Lun Zou 鄒明倫	Occupational Health	New
Health behavior & mental health	Dr. Ying-Chih Chuang 莊嫻智	Social Ecological Models	New
	Dr. Yi-Hua Chen 陳怡樺	Affective States and Health	New
	Dr. Yi-Hua Chen 陳怡樺	Mental health: illness, happiness, and promotion.	
	Dr. Chenyi Chen 陳澂毅	Empathy: the linkage between personal experience of pain and the way of perceiving others' pain	New
Health Policy: Theory and practice	Dr. Jean Tsai 蔡奉真	International health regulations, global health governance and COVID 19 pandemic	
	Dr. Usman Iqbal 烏斯馬	Artificial Intelligence and Big Data for Global Health Improvement	
	Dr. Hui-Chuan Hsu 徐慧娟	Health Services Research, Community Health Indicators, and Health Policy	New
	Dr. Feng-Jen Tsai 蔡奉真	Legal power for advancing global health and sustainable development	New
	Dr. Wayne GAO 高志文	Tobacco Control - Saving Lives Millions at a Time	New
	Dr. Tzay-Jinn Chen 陳再晉	Universal Health Coverage: Lessons from Taiwan	

Course Title	Lecturer	Topic	Note
Injury Prevention and Disabilities	Dr. Feng-Hang, Chang 張鳳航	Participation in Society: What are the Experience of people with Disabilities ?	
	Dr. Yao Chin, Wang 王耀慶	Emergency Medicine and COVID-19	
	Dr. Wan-Lin, Chen 陳婉琳	International aeromedical transportation- The science behind a flight	
	Dr. Cheng-Yi, Chen 陳激毅	Violation Injuries: Studies Through the Lens of social neuroscience	
	Dr. Chih-Wei, Pai 白志偉	Crash Mechanism and Motorcyclist Injuries in Right-of-Way (ROW) Accidents	

B. List of Course on Health Industry Management (33H) :

Field	Course Title	Lecturer	Topic	Note
Health Policy and Management in Taiwan (33H)	Introductory Management Theories	Dr. Che-Ming, Yang 楊哲銘	Introduction to Management Theories.	
		Dr. Chiung-Hsuan, Chiu 邱瓊萱	Introduction to Behavior in Organizations.	
		Dr. Nai-Wen, Kuo 郭乃文	Hospital Management in Taiwan-Challenges and Perspectives.	
	Advanced Management Theories	Dr. Kuo-Cherh, Huang 黃國哲	Strategic Management of Healthcare Organizations -- The Business of Healthcare.	
		Dr. Chiung-Hsuan, Chiu 邱瓊萱	Introduction to Human Resource Management Part1	
			Introduction to Human Resource Management Part2	
	Dr. Chung-Chien, Huang 黃崇謙	Basic Empirical Financial Management for Modern Healthcare Executives		
Health Policy in Taiwan	Dr. Sheu-Wen, Chuang 莊秀文	Taiwan Health System: Structure and Resilience Part I: Background and Health Outcomes Part II: Health Service System Structure Part III: Health System Resilience		

Field	Course Title	Lecturer	Topic	Note
		Dr. Mei-Ling, Sheu 許玫玲	On One Path to Universal Health Coverage: National Health Insurance in Taiwan.	
		Dr. Nai-Wen, Kuo 郭乃文	Patient Safety and Its Practice in Taiwan.	
	Management information system	Dr. Hsyien-Chia, Wen 溫信財	Health Information Management- an Essential Part of Health Care Administration.	
		Dr. Jason C. Hsu 徐之昇	Big Data, AI and Data Science in Healthcare	
		Dr. Min-Huei, Hsu 許明暉	1. Taiwan's Experience in Developing a National Electronic Medical Record System. 2. Health Data Research in Taiwan.	
	Webinar	Experts from Global	「2021-22 International Summit on Healthcare Management/Smart Healthcare」 1. AI/Big Data Application on Healthcare 2. Resilience in Healthcare 3. Health Care and SDGs Applications under the COVID pandemic	