

PIA3503: URBANIZATION AND HEALTH MANAGEMENT

Effective Term

Summer Term 2025

Part I Course Overview

Course Title

Urbanization and Health Management

Subject Code

PIA - Public and International Affairs

Course Number

3503

Academic Unit

Public and International Affairs (PIA)

College/School

College of Liberal Arts and Social Sciences (CH)

Course Duration

One Semester

Credit Units

3

Level

B1, B2, B3, B4 - Bachelor's Degree

Medium of Instruction

English

Medium of Assessment

English

Prerequisites

Nil

Precursors

Nil

Equivalent Courses

Nil

Exclusive Courses

Nil

Part II Course Details

Abstract

This course aims to introduce students to the theories, institutions, and practices related to urbanization and health management in both Hong Kong and worldwide. The course will introduce Health in All Policies (HiAP) and explore the social determinants of health recommended by World Health Organization, including the linkages with different dimensions of urban environment and corresponding health action plans. The course places emphasis on the innovative discovery made by students through class participation and group project. Overall, the course will help students develop skillsets for health management in the urban context, including 1) to brainstorm various solutions to enhance wellbeing and reduce health risk under complex urban processes, and 2) to learn how to use various tools to assess social determinants of health in a city.

Course Intended Learning Outcomes (CILOs)

CILOs		Weighting (if DEC-A1 DEC-A2 DEC-A3 app.)			
1	Identify the basic theories and perspectives in urban processes and community health		x	x	
2	Identify the tools to assess social determinants of health		x	x	
3	Assess the role and function of health management in an urban context		x	x	
4	Employ the DEC approach to generate new perspectives in urban processes and health management		x	x	x

A1: Attitude

Develop an attitude of discovery/innovation/creativity, as demonstrated by students possessing a strong sense of curiosity, asking questions actively, challenging assumptions or engaging in inquiry together with teachers.

A2: Ability

Develop the ability/skill needed to discover/innovate/create, as demonstrated by students possessing critical thinking skills to assess ideas, acquiring research skills, synthesizing knowledge across disciplines or applying academic knowledge to real-life problems.

A3: Accomplishments

Demonstrate accomplishment of discovery/innovation/creativity through producing /constructing creative works/new artefacts, effective solutions to real-life problems or new processes.

Learning and Teaching Activities (LTAs)

LTAs		Brief Description	CILO No.	Hours/week (if applicable)
1	Lectures	To offer an overview of the theories and perspectives in urban processes and health management	1, 2, 3	
2	Guest Talks	To provide a wide range of approaches regarding real cases and practices in health management by related professionals	2, 3	
3	Reading	To learn the key concepts of urban processes and health management based on notable literature	2, 3	

4	Group Presentation	To help students learn how to co-work on a particular topic in health management	1, 2, 3, 4	
5	Group assignment	To reflect critically review on how a health issue in a city can be managed based on a case study with relevant technical skills	1, 2, 3, 4	
6	Tutorial Assignment	Tutorial assignment to assess learning progress and understanding of basic theories and technical approaches (e.g. GIS) for urban processes and health management	1, 2, 3	

Assessment Tasks / Activities (ATs)

ATs		CILO No.	Weighting (%)	Remarks ("- for nil entry)	Allow Use of GenAI?
1	Group Project Presentation	1, 2, 3, 4	15		
2	Class Participation	1, 2, 3, 4	10		
3	Group Paper	1, 2, 3, 4	40		
4	Tutorial Assignment	1, 2, 3, 4	35		

Continuous Assessment (%)

100

Examination (%)

0

Assessment Rubrics (AR)**Assessment Task**

Group Project Presentation

Criterion

Capacity to effectively deliver and present research outcomes, manage time, and collaborate with groupmates

Excellent (A+, A, A-)

Demonstrate excellent capacity to effectively deliver and present research outcomes, manage time, and collaborate with groupmates

Good (B+, B, B-)

Demonstrate good capacity to effectively deliver and present research outcomes, manage time, and collaborate with groupmates

Fair (C+, C, C-)

Demonstrate moderate capacity to effectively deliver and present research outcomes, manage time, and collaborate with groupmates

Marginal (D)

Demonstrate marginal capacity to effectively deliver and present research outcomes, manage time, and collaborate with groupmates

Failure (F)

Demonstrate poor capacity to effectively deliver and present research outcomes, manage time, and collaborate with groupmates

Assessment Task

Class Participation

Criterion

Ability to involve in discussion pro-actively and ask critical questions

Excellent (A+, A, A-)

Demonstrate excellent ability to involve in discussion pro-actively and ask critical questions

Good (B+, B, B-)

Demonstrate good ability to involve in discussion pro-actively and ask critical questions

Fair (C+, C, C-)

Demonstrate moderate ability to involve in discussion pro-actively and ask critical questions

Marginal (D)

Demonstrate marginal ability to involve in discussion pro-actively and ask critical questions

Failure (F)

Demonstrate poor ability to involve in discussion pro-actively and ask critical questions

Assessment Task

Group Assignment

Criterion

Ability to theoretically and empirically
analyse research questions relating to urban processes and health management

Excellent (A+, A, A-)

Demonstrate excellent ability to theoretically and empirically
analyse research questions relating to urban processes and health management

Good (B+, B, B-)

Demonstrate good ability to theoretically and empirically
analyse research questions relating to urban processes and health management

Fair (C+, C, C-)

Demonstrate moderate ability to theoretically and empirically
analyse research questions relating to urban processes and health management

Marginal (D)

Demonstrate marginal ability to theoretically and empirically
analyse research questions relating to urban processes and health management

Failure (F)

Demonstrate poor ability to theoretically and empirically analyse research questions relating to urban processes and health management

Assessment Task

Tutorial Assignment

Criterion

Demonstrate understanding of the various theoretical approaches to the study of urban processes and health management

Excellent (A+, A, A-)

Demonstrate excellent understanding of the various theoretical approaches to the study of urban processes and health management

Good (B+, B, B-)

Demonstrate good understanding of the various theoretical approaches to the study of urban processes and health management

Fair (C+, C, C-)

Demonstrate moderate understanding of the various theoretical approaches to the study of urban processes and health management

Marginal (D)

Demonstrate marginal understanding of the various theoretical approaches to the study of urban processes and health management

Failure (F)

Demonstrate poor understanding of the various theoretical approaches to the study of urban processes and health management

Part III Other Information

Keyword Syllabus

Urbanization; social determinants of health; health management; deprivation; built environment; human-environment interactions; population; urban and health GIS

Reading List**Compulsory Readings**

Title	
1	De Leeuw, E., & Simos, J. (Eds.). (2017). Healthy cities: the theory, policy, and practice of value-based urban planning. Springer.
2	Gibbons, M. C., Bali, R., & Wickramasinghe, N. (Eds.). (2010). Perspectives of knowledge management in urban health (Vol. 1). Springer Science & Business Media.

Additional Readings

Title	
1	Galea, S., & Vlahov, D. (Eds.). (2006). Handbook of urban health: populations, methods, and practice. Springer Science & Business Media.

2	Freudenberg, N., Klitzman, S., & Saegert, S. (Eds.). (2009). <i>Urban health and society: Interdisciplinary approaches to research and practice</i> . John Wiley & Sons.
3	Vojnovic, I., Pearson, A. L., Asiki, G., DeVerteuil, G., & Allen, A. (Eds.). (2019). <i>Handbook of global urban health</i> . Routledge.
4	Moughtin, C. (2007). <i>Urban design: street and square</i> . Routledge.
5	Bonner, A. (Ed.). (2017). <i>Social determinants of health: An interdisciplinary approach to social inequality and wellbeing</i> . Policy Press.
6	Cockerham, W.C. (2021). <i>The Social Causes of Health and Disease</i> . Polity.
7	Dawes, D. E. (2020). <i>The political determinants of health</i> . Johns Hopkins University Press.
8	Battisti, A., Marceca, M., & Iorio, S. (Eds.). (2020). <i>Urban Health: Participatory Action-research Models Contrasting Socioeconomic Inequalities in the Urban Context</i> . Springer Nature.
9	Greer, S. L., Falkenbach, M., Siciliani, L., McKee, M., Wismar, M., & Figueras, J. (2022). From health in all policies to health for all policies. <i>The lancet public health</i> , 7(8), e718-e720.
10	Nutbeam, D., & Lloyd, J. E. (2021). Understanding and responding to health literacy as a social determinant of health. <i>Annu Rev Public Health</i> , 42(1), 159-73.
11	Sieck, C. J., Sheon, A., Ancker, J. S., Castek, J., Callahan, B., & Siefer, A. (2021). Digital inclusion as a social determinant of health. <i>NPJ digital medicine</i> , 4(1), 52.
12	Kreuter, M. W., Thompson, T., McQueen, A., & Garg, R. (2021). Addressing social needs in health care settings: evidence, challenges, and opportunities for public health. <i>Annual review of public health</i> , 42, 329.
13	Corburn, J., Vlahov, D., Mberu, B., Riley, L., Caiaffa, W. T., Rashid, S. F., ... & Ayad, H. (2020). Slum health: arresting COVID-19 and improving well-being in urban informal settlements. <i>Journal of urban health</i> , 97, 348-357.
14	Ventriglio, A., Torales, J., Castaldelli-Maia, J. M., De Berardis, D., & Bhugra, D. (2021). Urbanization and emerging mental health issues. <i>CNS spectrums</i> , 26(1), 43-50.
15	Kuddus, M. A., Tynan, E., & McBryde, E. (2020). Urbanization: a problem for the rich and the poor?. <i>Public health reviews</i> , 41, 1-4.
16	Tonne, C., Adair, L., Adlakha, D., Anguelovski, I., Belesova, K., Berger, M., ... & Adli, M. (2021). Defining pathways to healthy sustainable urban development. <i>Environment international</i> , 146, 106236.