



**PEKING UNIVERSITY HEALTH SCIENCE CENTER
-MACAO POLYTECHNIC UNIVERSITY NURSING ACADEMY (AE)
BACHELOR OF SCIENCE IN NURSING
LEARNING MODULE OUTLINE**

Academic Year	2025-2026	Semester	II
Module Code	NPAP3102		
Learning Module	Public Health and Preventive Medicine		
Pre-requisite(s)	Nil		
Medium of Instruction	Chinese and English		
Credits	2	Contact Hours	30 hrs
Instructor	Dr Mingzi Li (Subject teacher) Dr Yanhui Lu	Email	limingzi@bjmu.edu.cn luyanhui@bjmu.edu.cn
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MODULE DESCRIPTION 學科單元/科目概述

This 30-hour compulsory course aims to facilitate students to obtain a broadened understanding of public health/preventive medicine theory and practice, as well as their relatedness to nursing / medical professionals. The learning is characterized by reviewing most impacting public health issues in the Chinese Mainland and Macao during the past decades, and by eliciting active participation and reflection of students.

MODULE INTENDED LEARNING OUTCOMES (ILOS) 學科單元/科目預期學習成效

On completion of this learning module, students will be able to:

M1.	Understand basic and fundamental theories and practice of public health/preventive medicine.
M2.	Understand and reflect history and current public health situation globally.
M3.	Understand and reflect history and current public health issues in the Chinese Mainland and Macao.
M4.	Understand the roles of medical personnel in public health issues.
M5.	Demonstrate active attitude and skills in improving the public health level as medical personnel.



These ILOs aims to enable students to attain the following Programme Intended Learning Outcomes (PILOs):

The PILOs are aligned with the Dublin descriptors, including knowledge and understanding, acquisition, application, critical judgment, communication skills, and learning skills/ability.

PILOs 課程預期學習成效	M1	M2	M3	M4	M5
P1. Demonstrate an understanding of the holistic nature of the clients' health status involving individual, family, and community aspects.	✓			✓	✓
P2. Demonstrate effective communication skills and the ability to establish and maintain a therapeutic relationship with clients.	✓	✓	✓		
P3. Demonstrate acquisition, mastery, and application of knowledge and skills for nursing practice, including biological sciences, social sciences and humanities, by making appropriate clinical reasoning and performing safe and therapeutic practice.		✓		✓	✓
P4. Demonstrate the ability to maintain legal and ethical standards of nursing practice.		✓	✓	✓	✓
P5. Demonstrate the ability to carry out relevant research and contribute to the community's health.		✓	✓	✓	✓
P6. Work effectively and efficiently alone or in teams.	✓		✓	✓	✓
P7. Demonstrate the ability to identify and evaluate health care issues.	✓		✓	✓	✓
P8. Demonstrate a critical judgment and apply the principles of evidence-based practice to deliver nursing care.	✓	✓			✓

MODULE SCHEDULE, COVERAGE AND STUDY LOAD 教與學日程、內容及學習量

Week 週	Content Coverage 涵蓋內容	Contact Hours 面授學時
1	Essential Public Health Functions, Community Ethics	2 hours
	Global Burden of Diseases	2 hours
2	Non-communicable diseases in the Chinese Mainland	2 hours
	Substance Abuse, HIV/AIDS	2 hours
3	Roles and Tasks of Public Health in Women's and Children's Health Care	2 hours
	Vaccine	2 hours
4	Nursing of public health emergencies in the Chinese Mainland	2 hours
	Obesity: prevention & intervention	2 hours
	Discussion: Obesity as a Public health issue	2 hours



5	Environmental Health, Occupational Health	2 hours
6	School nursing	2 hours
	Managing Quality and Safety, Public Health Policy	2 hours
	Food Safety	2 hours
7	Group presentation on Public health issues in the Chinese Mainland and Macao (1)	2 hours
	Group presentation on Public health issues in the Chinese Mainland and Macao (2)	2 hours

TEACHING AND LEARNING ACTIVITIES

In this learning module, students will work towards attaining the ILOs through the following teaching and learning activities: 修讀本學科單元/科目，學生將透過以下教與學活動取得預期學習成效

Teaching and Learning Activities	M1	M2	M3	M4	M5
T1. Lectures	✓	✓	✓	✓	✓
T2. Discussion	✓	✓	✓	✓	✓
T3. Group Presentation	✓	✓	✓	✓	✓

ATTENDANCE

Attendance requirements are governed by the Academic Regulations Governing Bachelor's Degree Programmes of the Macao Polytechnic University. Students who do not meet the attendance requirements for the learning module shall be awarded an 'F' grade.

ASSESSMENT

In this learning module, students are required to complete the following assessment activities:

This course is graded on a 100 point scale, with 100 being the highest possible score and 50 the pass score.

Assessment Activities	Description	ILOs to be Assessed (M1,M2,M3,M4,M5)	Weight
Participation	Full attendance	M1,M2,M3,M4,M5	30% (30 hours)
Home work	Individual written home work of a Case Study	M1,M3	15%
Topic Report	Group written report	M1,M3,M5	35%
	Group presentation	M1,M3,M5	20%
Total Percentage:			100%



The assessment will be conducted following the University's Assessment Strategy (see www.mpu.edu.mo/teaching_learning/en/assessment_strategy.php). Passing this learning module indicates that students will have attained the ILOs of this learning module and thus acquired its credits.

MARKING SCHEME (評分準則)

Assessment Activities	Assessment Criteria	Mark Ranges				
		88-100 High	73-87 Signification	58-72 Moderate	50-57 Basic	<50 Fail
A1. Participation	Keep continuous Participation and show active learning attitude. Give 2 points for one attendance and then transform into percent.	Excellent	Good/ Very Good	Satisfactory	Marginal Pass	Not reaching marginal levels
A2. Home work	Demonstrate the understanding of the module covered in classes.	Excellent	Good/ Very Good	Satisfactory	Marginal Pass	Not reaching marginal levels
A3. Assignments (Group written report)	Demonstrate the understanding and reflection of public health issues in the Chinese Mainland and Macao. The topic of report is of great importance, and their writing is clear and follows proper formatting and logical structure. Demonstrate a good sense of collaborative engagement and a positive attitude towards acquiring knowledge.	Excellent	Good/ Very Good	Satisfactory	Marginal Pass	Not reaching marginal levels
A4. Assignments (group presentation)	Demonstrate the ability to present reports clearly with PPT following a proper format and a logical structure. Demonstrate	Excellent	Good/ Very Good	Satisfactory	Marginal Pass	Not reaching marginal levels



	understanding of the topic in answering questions on the topics discussed. Demonstrate a good sense of collaborative engagement and a positive attitude towards acquiring knowledge.					
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Rating details for Group written report-**Assessment Criteria**

Item	Percent
1. The topic of report is of great importance.	20%
2. The report demonstrates the understanding and reflection of public health issues in the Chinese Mainland and Macao.	40%
3. The report demonstrates a positive attitude towards acquiring knowledge.	20%
4. The writing is clear and follows proper formatting and logical structure.	10%
5. The role of group member is introduced and the report demonstrates a good sense of collaborative engagement.	10%

Rating details for Group presentation-**Assessment Criteria**

Item	Percent
1. The report is presented clearly with PPT by the group in the given time.	30%
2. PPT is of a proper format and a logical structure.	10%
3. The report demonstrates a positive attitude towards acquiring knowledge.	20%
4. Demonstrate understanding of the topic in answering questions on the topics discussed.	30%
5. The role of group member is introduced and the report demonstrates a good sense of collaborative engagement.	10%

REQUIRED READINGS 書單

There is no specific required textbook for this course.

REFERENCES 參考文獻

1. Zhao Yue, Zhang Yaqing (2022) Public Health Nursing, People's Medical Publishing House.

趙岳、章雅青（2022）公共衛生護理（第1版）。北京：人民衛生出版社



2. David L. Katz & Joann G. Elmore & Dorothea Wild & Sean C Lucan (2020). *Jekel's Epidemiology, Biostatistics, Preventive Medicine, and Public Health*, 5th edition. Elsevier.

3. Robert H & Thomas Sellers (2020) *Epidemiology for Public Health Practice*, 6th Edition.

4. Marcia Stanhope & Jeate Lancaster (2024). *Public Health Nursing*, 11th edition. Elsevier.

STUDENT FEEDBACK

At the end of each semester, students are invited to provide feedback on the learning module and the teaching arrangement through questionnaires. Your feedback is valuable for instructors to enhance the module and its delivery for future students. The instructor and programme coordinators will consider all feedback and respond with actions formally in the annual programme review.

ACADEMIC INTEGRITY

The Macao Polytechnic University requires students to have full commitment to academic integrity when engaging in research and academic activities. Violations of academic integrity, which include but are not limited to plagiarism, collusion, fabrication or falsification, repeated use of assignments and cheating in examinations, are considered as serious academic offenses and may lead to disciplinary actions. Students should read the relevant regulations and guidelines in the Student Handbook which is distributed upon the admission into the University, a copy of which can also be found at www.mpu.edu.mo/student_handbook/.



Time table 1 Year2024-2025 Public Health and Preventive Medicine Class A (2026.5-6)

Total Hours: 30

Subject Teacher: Mingzi Li

Sessio n	Date	Time	Contact hours	Topics	Teachers	Classroom
1			2	Essential Public Health Functions, Community Ethics	Mingzi Li	
2			2	Global Burden of Diseases	Mingzi Li	
3			2	Non-communicable diseases in the Chinese Mainland	Mingzi Li	
4			2	Substance Abuse, HIV/AIDS	Mingzi Li	
5			2	Roles and Tasks of Public Health Nurses in Women's and Children's Health Care	Mingzi Li	
6			2	Vaccine	Yanhui Lu	
7			2	Nursing of public health emergencies in the Chinese Mainland	Yanhui Lu	
8			2	Obesity: prevention and treatment	Mingzi Li	
9			2	Discussion: Obesity as a public health issue	Mingzi Li	
10			2	Environmental Health, Occupational Health	Yanhui Lu	
11			2	School Nursing	Yanhui Lu	
12			2	Managing Quality and Safety, Public Health Policy	Yanhui Lu	
13			2	Food Safety	Yanhui Lu	
14			2	Group presentation (Public health issues in the Chinese Mainland and Macao 1)	Mingzi Li/ Yanhui Lu	
15			2	Group presentation (Public health issues in the Chinese Mainland and Macao 2)	Mingzi Li/ Yanhui Lu	



Time table 2 Year2024-2025 Public Health and Preventive Medicine Class B (2026.5-6)

Total Hours: 30

Subject Teacher: Mingzi Li

Sessio n	Date	Time	Contact hours	Topics	Teachers	Classroom
1			2	Essential Public Health Functions, Community Ethics	Mingzi Li	
2			2	Global Burden of Diseases	Mingzi Li	
3			2	Non-communicable diseases in the Chinese Mainland	Mingzi Li	
4			2	Substance Abuse, HIV/AIDS	Mingzi Li	
5			2	Roles and Tasks of Public Health Nurses in Women's and Children's Health Care	Mingzi Li	
6			2	Vaccine	Yanhui Lu	
7			2	Nursing of public health emergencies in the Chinese Mainland	Yanhui Lu	
8			2	Obesity: prevention and treatment	Mingzi Li	
9			2	Discussion: Obesity as a public health issue	Mingzi Li	
10			2	Environmental Health, Occupational Health	Yanhui Lu	
11			2	School Nursing	Yanhui Lu	
12			2	Managing Quality and Safety, Public Health Policy	Yanhui Lu	
13			2	Food Safety	Yanhui Lu	
14			2	Group presentation (Public health issues in the Chinese Mainland and Macao 1)	Mingzi Li/ Yanhui Lu	
15			2	Group presentation (Public health issues in the Chinese Mainland and Macao 2)	Mingzi Li/ Yanhui Lu	