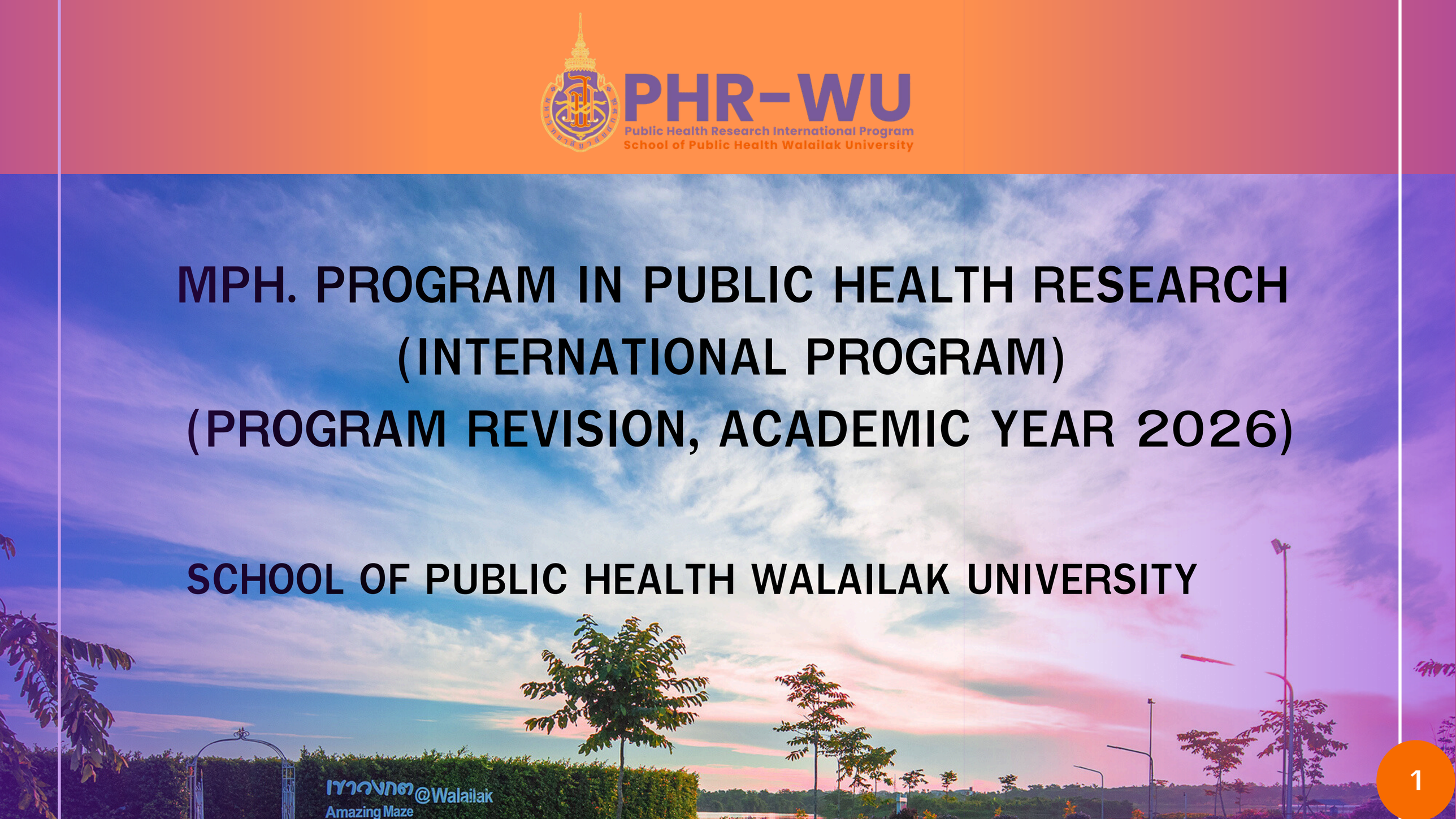
PHR-WU
Public Health Research International Program
School of Public Health Walailak University

MPH. PROGRAM IN PUBLIC HEALTH RESEARCH (INTERNATIONAL PROGRAM) (PROGRAM REVISION, ACADEMIC YEAR 2026)

SCHOOL OF PUBLIC HEALTH WALAILAK UNIVERSITY



CONCEPT OF PUBLIC HEALTH INNOVATION MODEL

Finality

- Solve social problems
- Address social and environment challenges
- Introduce systemic changes

Epistemological assumptions

- Intersecteral and integrated approach
- Recursive and vortex process
- Co-creation and negotiation of knowledge with all the partner involved
- Consideration of several temporalities and scales and their interaction
- Dynamic interaction between all the innovation process

Social innovation as a paradigm shift in public health (Nilang, M.et al, 2021)

Principles for action

- Health as a "common good" and right
- Equity and an inclusive lens: people are not the same and do not have the same opportunities
- Equilibrium of power
- Empowerment vision
- Learning and adaptation
- Democratic vision
- Accessibility and sustainability
- Community engagement
- Health determinant model

Ontological assumptions

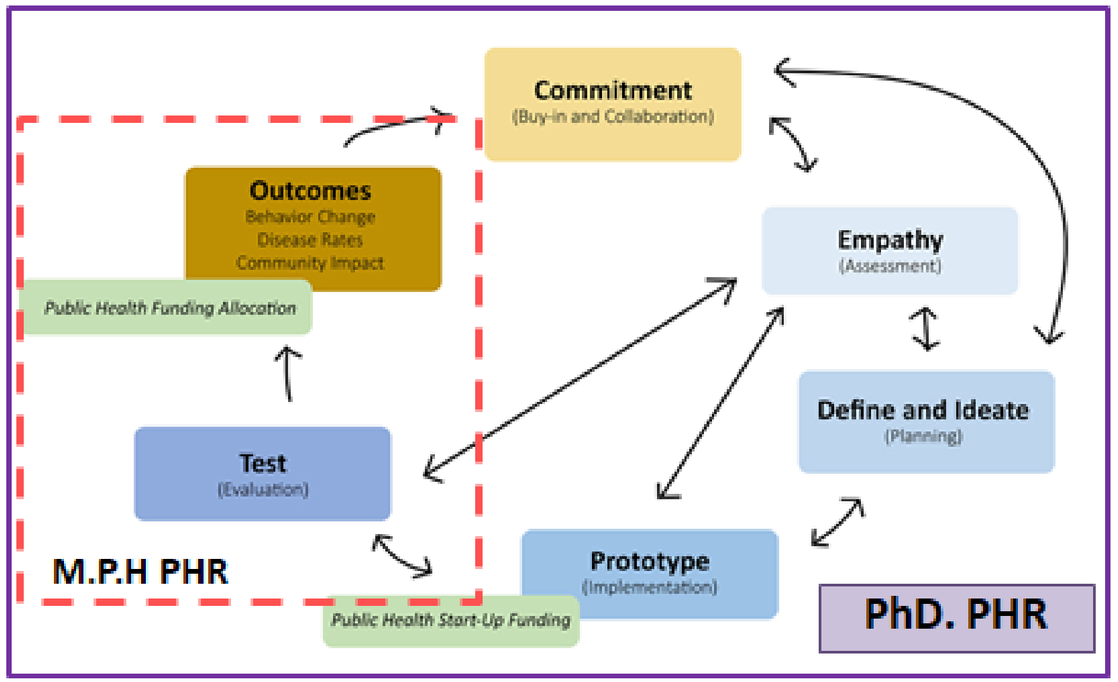
Innovation as:

- ☑ A process to link or configure different element of novelty
- ☑ a social construction
- ☑ an uncertain, complex and collective phenomenon

☑ social change (intervention)

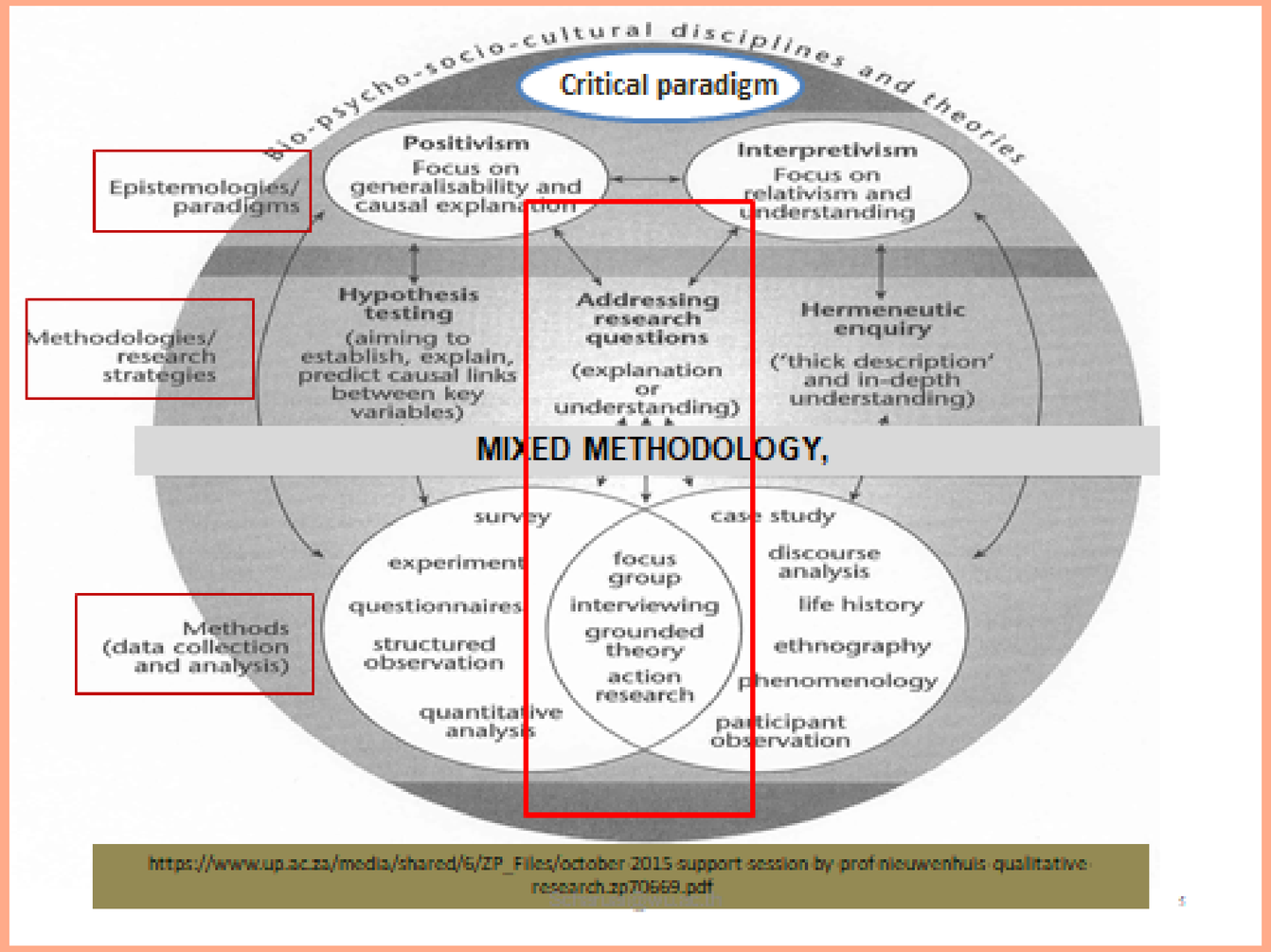
Public Health Innovation Model

Lister, Cameron, Payne, Hannah, Hanson, Carl L., Barnes, Michael D., Davis, Siena F., & Manwaring, Todd. (2017). The Public Health Innovation Model: Merging Private Sector Processes with Public Health Strengths. Frontiers in public health, 5(332). doi:10.3389/fpubh.2017.00332



Public Health Innovation refers to new knowledge, method, technologie, intervention, model, or processes developed to prevent, improve, or enhance the health of populations

METHODOLOGY: MIXED METHODS RESEARCH

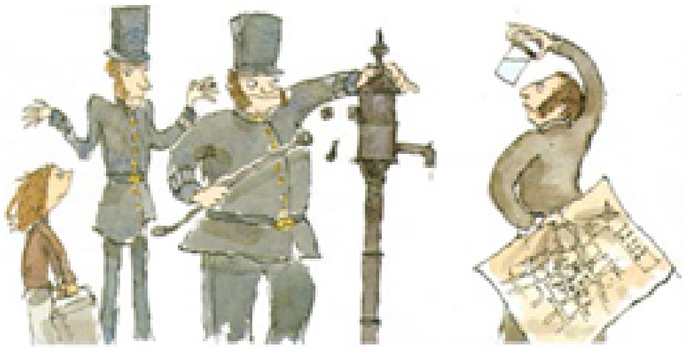


https://www.up.ac.za/media/shared/6/ZP_Files/october-2015-support-session-by-prof-nieuwenhuis-qualitative-research.zp70669.pdf

Concept and value of Mixed Methods Research

a new methodology originating around the late 1980s and early 1990s based on work from individuals in diverse fields such as evaluation, education, management, sociology, and health sciences. *(Creswell. J.W., 2014)*

In public health (1985), John Snow's foundational public health investigation of the London cholera epidemic in 1984 used the quantitative data from the General Registries Office to determine the geographic distribution of deaths to cholera, and used qualitative interview. *(Guest & Namey, 2015)*



ACADEMIC QUALIFICATION

Assoc.Prof.Dr. Charuai Suwanbamrung

Dr. Jiraporn Jaroenpool

Dr. Lafi Munira

Asst. Prof. Dr. Cua Ngoc Le

Asst.Prof.Dr. Phiman Thirarattanasunthon

Assoc.Prof.Dr. Udomsak Saengow

Assoc.Prof. Apichai Wattanapisit

Assoc.Prof.Dr. Chuchard Punsawad

Assoc.Prof.Dr. Somchai Sawatdee

Asst.Prof.Dr. Patthanasak Khammaneechan

Assoc.Prof.Dr. Saifon Aekwarangkoon

Assoc.Prof.Dr. Nirachon Chutipattana

Asst.Prof.Dr. Wanvisa Saisanan Na Ayudhaya

Asst.Prof.Dr. Panatda Pibul

Assoc.Prof.Dr. Atchara Phumee

Dr. Muhammad Awais-E-Yazdan

Assoc.Prof.Dr. Manit Nuinoon

Dr.Avnish Nitin Mistry

Asst.Prof.Dr. Udomsak Narkkul

PHILOSOPHY/PROGRAM OBJECTIVE

Philosophy	To produce master's graduates who apply public health innovations through mixed methods research and publication in international journals.
Objectives	To produce master's graduates with knowledge of the discipline and mixed methods research approaches for applying public health innovations.
	2) To produce master's graduates competent in searching, analyzing, synthesizing, designing, and using statistics, computer programs, artificial intelligence, and information technology in research to apply innovations to solving public health problems, and to disseminate their work at the international level.
	3) To produce master's graduates who are disciplined and responsible, comply with organizational rules and regulations, and uphold research ethics.
	4) To produce master's graduates who are able to work in teams, appropriately assuming both leadership and member roles in interprofessional teams.
	5) To produce master's graduates in alignment with the Announcement of the Higher Education Standards Committee on Details of Learning Outcomes according to Higher Education Qualifications Standards B.E. 2565, which comprises four domains: knowledge, skills, ethics, and personal attributes.

PROGRAM LEARNING OUTCOME

Domain: 1 Knowledge	
PLO1	Apply public health innovations using research knowledge in social and health policy, health service systems, access to healthcare, health behavior, and public health problems at both local and global levels.
PLO2	Apply public health innovations using knowledge of mixed methods, including quantitative research, qualitative research, participatory action research, epidemiology, and evaluation research.
Domain 2: Skills	
PLO3	Have the skills to apply innovations to solving public health problems through searching, analyzing, synthesizing, designing, and using statistical software, artificial intelligence, and information technology in research.
PLO4	Have the skills to disseminate research on the application of public health innovations and to present research findings at academic conferences.
Domain 3: Ethics	
PLO5	Comply with organizational rules and regulations and serve as a role model of discipline and responsibility.
PLO6	Act as a role model and promote research ethics in others in the application of public health innovations and the dissemination of research findings.
Domain 4: Personal Attributes	
PLO7	Manage research for applying public health innovations by using software and information technology in research, and communicate research outputs at the international level.
PLO8	Act as a leader and team member in research, continuously seeking knowledge and applying public health innovations.

PROGRAM OBJECTIVE AND PLO, ACADEMIC 2026

Program objective	PLO							
	1 Knowledge		2 Skill		3 Ethics		4 Personal Attributes	
	1	2	3	4	5	6	7	8
1) To produce master's graduates with knowledge of the discipline and mixed methods research approaches for applying public health innovations.	✓	✓						
2) To produce master's graduates competent in searching, analyzing, synthesizing, designing, and using statistics, computer programs, artificial intelligence, and information technology in research to apply innovations to solving public health problems, and to disseminate their work at the international level.			✓	✓				
3) To produce master's graduates who are disciplined and responsible, comply with organizational rules and regulations, and uphold research ethics.					✓	✓		
4) To produce master's graduates who are able to work in teams, appropriately assuming both leadership and member roles in interprofessional teams.							✓	✓
5) To produce master's graduates in alignment with the Announcement of the Higher Education Standards Committee on Details of Learning Outcomes according to Higher Education Qualifications Standards B.E. 2565, which comprises four domains: knowledge, skills, ethics, and personal attributes	✓	✓	✓	✓	✓	✓	✓	✓

MPH. PROGRAM STRUCTURE

Total Thesis credit of the program		36	**Crs.**
1) Required courses		10*	Crs.
	1.1 Core subjects	8*	Crs.
	1.2 Field-specific subjects	–	Crs.
	1.3 Seminar subjects	2*	Crs.
2) Thesis		48	Crs.
Note: * Indicates credits not counted but must have an S grade.			

MPH. PROGRAM STRUCTURE

Year	Semester 1			Semester 2		
1	PHR69-111	Research Methodology for Applying Public Health Innovation I	2(2-0-4)*	PHR69-112	Research Methodology for Applying Public Health Innovation II	2 (2-0-4)*
	PHR69-113	Global and Local Perspectives for Applying Public Health Innovation	2(2-0-4)*	PHR69-114	Data Analytic in Mixed Methods Research in Applying Public Health Innovation	2(2-0-4)*
	PHR69-341	Research Seminar I: literature review for Applying Public Health Innovation	1(0-2-2)*	PHR69-342	Research Seminar II: Presentation and Publication for Applying Public Health Innovation	1(0-2-2)*
	PHR69-491	Thesis (Plan 1 Academic Type 1)	6 Crs.	PHR69-491	Thesis (Plan 1 Academic Type 1)	10 Crs.
	Total 15 Crs.			**Total10 Crs.**		
2	PHR69-491	Thesis (Plan 1 Academic Type 1)	10 Crs.	PHR69-491	Thesis (Plan 1 Academic Type 1)	10 Crs.
	Total 10 Crs.				**Total 10 Crs.**	

Program Learning Outcomes and Course Mapping

Subjects		Hr/Week				PLO							
		Lecture	Practice	Self tudy	Crs.	Knowledge		Skill		Ethics		Personal Attributes	
						1	2	3	4	5	6	7	8
1) Required courses													
1.1 Core subjects													
PHR69-111	Research Methodology for Applying Public Health Innovation I	2	0	4	2*	●	●	●			●		●
PHR69-112	Research Methodology for Applying Public Health Innovation II	2	0	4	2*		●	●		●		●	
PHR69-113	Global and Local Perspectives for Applying Public Health Innovation	2	0	4	2*	●	●			●			
PHR69-114	Data Analytic in Mixed Methods Research in Applying Public Health Innovation	2	0	4	2*		●	●				●	
1.2 Field-specific subjects													
1.3 Seminar subjects													
PHR69-341	Research Seminar I: Literature Review for Applying Public Health Innovation	0	2	4	1*		●	●				●	●
PHR69-342	Research Seminar II: Presentation and Publication for Applying Public Health Innovation	0	2	4	1*				●		●	●	●
2) Thesis													
PHR69-491	Thesis (Plan 1 Academic Type 1)		36		36	●	●	●	●	●	●	●	●

ACTION STEPS and Tuition Fees

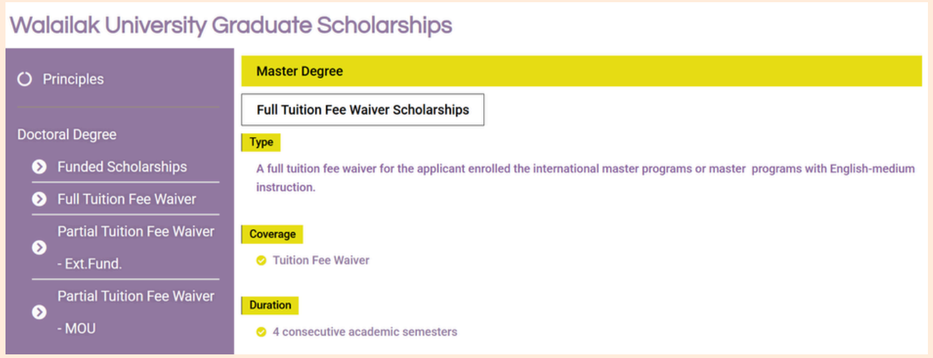
Activity	Timeline				Crs.
	Semester				
	1	2	3	4	
1. Formulate the research question, conduct a literature review, analyze the problem, appoint the thesis advisory committee, and undergo the thesis topic examination.					6
2. Design the study and research instruments, develop the research proposal, appoint the thesis proposal examination committee, defend the proposal, submit the study for ethics approval, and apply for research funding.					10
3. Collect data and perform mixed methods data analysis in accordance with the research plan, and present thesis progress.					10
4. Synthesize the data, undertake the thesis defense before the thesis examination committee, publish the research findings, and submit the complete final thesis.					10

APPLICANT PLAN IN 5 YEARS

Academic year	Number of student expectation				
	2026	2027	2028	2029	2030
1) Student Admission					
Plan 1.1	5	5	5	5	5
2) Student Commulative					
1st year	5	5	5	5	5
2nd year	0	5	5	5	5
Total	5	10	10	10	10
3) Completed program					
Total	0	5	5	5	5

TUITION FEE/SCHOLARSHIP/RESEARCH GRANT OF MPH

รายการ	จำนวนเงิน (บาท)				
ปีการศึกษา	2569	2570	2571	2572	2573
รายรับ					
ค่าธรรมเนียมการศึกษา (345,000 บาท x คน xปี)	1,350,000.00	2,700,000.00	2,700,000.00	2,700,000.00	2,700,000.00
รายจ่าย					
เงินเดือนอาจารย์ผู้สอน (คำนวณในหลักสูตร ป.ตรี)	0.00	0.00	0.00	0.00	0.00
ค่าตอบแทนอาจารย์พิเศษ	20,000.00	30,000.00	30,000.00	30,000.00	30,000.00
ค่าตอบแทนผู้ทรงคุณวุฒิและค่าดำเนินการสอบโครงร่างวิทยานิพนธ์	50,000.00	50,000.00	50,000.00	50,000.00	50,000.00
ค่าตอบแทนผู้ทรงคุณวุฒิและค่าดำเนินการสอบวิทยานิพนธ์	0.00	60,000.00	60,000.00	60,000.00	60,000.00
กิจกรรมเสริมหลักสูตร	50,000.00	50,000.00	50,000.00	50,000.00	50,000.00
รวบรายจ่ายทั้งสิ้น	120,000.00	190,000.00	190,000.00	190,000.00	190,000.00
รายได้-รายจ่าย	1,230,000.00	2,510,000.00	2,510,000.00	2,510,000.00	2,510,000.00
กำไรสะสม	1,230,000.00	3,740,000.00	6,250,000.00	8,760,000.00	11,270,000.00



Eligibility of Advisor

- According the Walailak University's Regulations for Graduate studies

Eligibility of Student

- All nationalities
- Have academic record of with GPAX of not less than 3.00 (on 4.00 scale) for Bachelor's degree holder
  3.50 (on 4.00 scale) for Master's degree holder
  *In the case of completing a master's degree, with a research-oriented thesis plan, there must be research articles published in international academic journals indexed in the Scopus database.
  **In case the cumulative grade point average does not meet the above criteria, consideration may be given to research publications in international journals indexed in the Scopus database as an alternative on a case-by-case basis.

- Applicant must have an English language proficiency, which needs to be demonstrated as equivalent to or more than an official TOEFL score of 500 (Paper based) or score according to the University's announcement

Publication before Graduation

- A research article written by scholarship recipients MUST be published or have been formally accepted for publication in peer review academic journal indexed in **SCOPUS** database ranking with Q2 or higher

Conditions

- Student in coursework program must have at least 3.00 of GPA for every term
- Submit a progress report to the CGS every term

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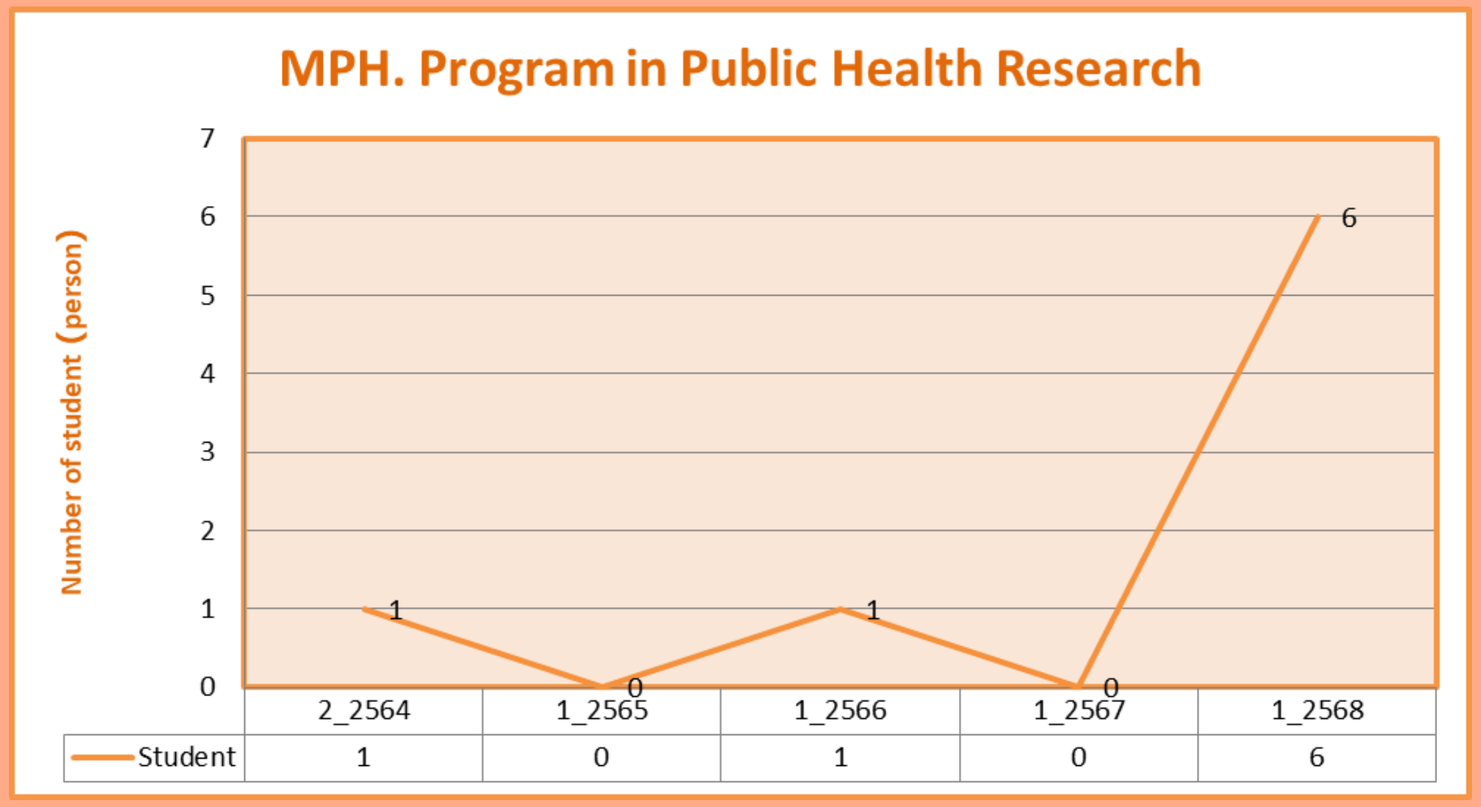
Public Health Research International Program

Total of program: Tuition fees 690,000.00 BTH. and Research grant 50,000 BTH.

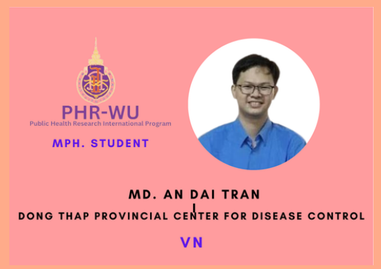
Activity	Semester				Crs.
	1	2	3	4	
1. Formulate the research question, conduct a literature review, analyze the problem, appoint the thesis advisory committee, and undergo the thesis topic examination.	Tuition fees 172,500.00 BTH				6
2.Design the study and research instruments, develop the research proposal, appoint the thesis proposal examination committee, defend the proposal, submit the study for ethics approval, and apply for research funding.		Tuition fees 172,500.00 BTH			10
3. Collect data and perform mixed methods data analysis in accordance with the research plan, and present thesis progress.			Tuition fees 172,500.00 BTH		10
4. Synthesize the data, undertake the thesis defense before the thesis examination committee, publish the research findings, and submit the complete final thesis.				Tuition fees 172,500.00 BTH	10

MPH. in PHR



ปี	รายละเอียด
2_2564	ทุน MOU กับ VN สำเร็จการศึกษา 1.5 ปี ตีพิมพ์ Q2 และนำเสนอผลงานวิจัยในที่ประชุมระดับนานาชาติ
1_2565	ไม่มีผู้สมัครเนื่องจากระยะห่างจากการเปิดครั้งแรกเพียง 4 เดือน
1_2566	ทุน MOU กับ VN สำเร็จการศึกษา 2 ปี ตีพิมพ์ Q1 และนำเสนอผลงานวิจัยในที่ประชุมระดับนานาชาติ
1_2567	มีผู้สมัครและผ่านคุณสมบัติหลายคนแต่ไม่สามารถมาเรียน
1_2568	มีจำนวน 6 คน โดยได้รับทุนสนับสนุนจาก TICA จำนวน 5 คน และทุน MOU กับ VN 1 คน

Q2



Q1

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PHR Program Activity

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PHR Program Activity

THANK YOU