

Course Detail

Master of Public Health

Course Title:	Master of Public Health
Master Degree:	Master of Public Health (M.P.H.)
Academic Institution:	Faculty of Public Health, Naresuan University
Duration:	2 years (June 2021 – May 2023)

Background and Rational:

According to vision and mission of Naresuan University, they focus on three management approaches including 1) Hybrid. The university is to promote new knowledge and diverse skills to be applied and accepted nationally and internationally; 2) Partnerships. Strengthening partnership is one of the keys to help the university produce well-qualified students, research, and academic services, which leads to economic and social development and 3) Networking. The university continuously initiates networks with Thai and foreign institutions in order to promote the production of well-qualified students, commercialized research, and academic services to maximize the university capability as well as data and resource management. The course of M.P.H. (Master of Public Health) was established in order to serve those vision and mission. The course aims to produce well-qualified graduate students for being good leaders, analysts, as well as public health professionals who are able to collaborate knowledge and experiences in order to solve public health issues and improve quality of life of all people.

The faculty of public health has facilities to serve the course. Furthermore, all lecturers at the faculty have variety of experiences in the fields of public health. Most of them have research publications on international journals. Some of them conducted research project with international networks. Therefore, these experiences of the lecturers will convey to those graduate students fruitfully.

With respect to networks, the faculty has both national networks and international network. In terms of national network, provincial health office, community hospital, and health care center/Health Promoting Hospital are national networks where are the places for study visit in both urban and rural areas. Regarding international networks, there are GMS (Greater Mekong Subregion) and AUN HPN (ASEAN University Network- Health Promotion Network). These international networks are able to open the opportunity for our graduate students to present their research publications and share experiences with oversea students from many countries.

Objectives of the program:

The Master of Public Health course aims at shaping the students to be capable as follows:

1. Be morality and ethics, being able to solve problems and ethically make a decision under both professional and law concepts.
2. Be practitioner who can identify and stop health problems by applying knowledge of public health and other related fields to evaluate health necessity, problem conditions, and other factors causing problems.

3. Be able to analyze and conduct a research correctly, as well as develop health systems according with social context.

4. Be able to efficiently provide empirical evidence to evaluate, analyze, and manage the project in order to eliminate public health problems including health problems, health services, occupational health, and environmental health.

5. Be able to professionally communicate and use information technologies according with socio-cultural context.

6. Have both leadership and good human relations to work as a team with interdisciplinary, party networks, and other related fields for the purpose of eliminating public health problems in all levels; social, local, national, and international level.

7. Be able to work as a team. Be a good leader and a good follower.

8. Have good human relations. In addition, be able to cooperate with other sections properly.

Course Synopsis Methodology:

1. Study Plan

Study Plan of Master of Public Health Program (MPH)

First Year Program

1st Semester

551514	Biostatistics for Public Health Research	3(2-2-5)
551517	Behavioral Sciences and Health Education	3(2-2-5)
551518	Epidemiology	3(2-2-5)
551591	Research Methodology in Public Health	3(2-2-5)
551592	Seminar (Non-Credit)	1(0-2-1)
Total		13 Credits

First Year Program

2nd Semester

551515	Public Health Administration	3(2-2-5)
551516	Environmental and Occupational Health	3(2-2-5)
551521	Health Promotion	3(2-2-5)
551522	Population and Reproductive Health	3(2-2-5)
551581	Thesis 1, Type A2	3 Credits
Total		15 Credits

Second Year Program

1st Semester

551XXX	Elective Course	3(2-2-5)
551582	Thesis 2, Type A2	3 Credits
Total		6 Credits

Second Year Program

2nd Semester

551583	Thesis 3, Type A2	6 Credits
Total		6 Credits

Total of Credits: 40 Credits

The Structure of the Curriculum:

1) Coursework	
- Core Courses	18 Credits
- Compulsory Courses	6 Credits
- Electives	3 Credits
2) Thesis	12 Credits
3) Required Non-Credit Courses	1 Credits
	Total 40 Credits

Curriculum Type:

Master's Degree Level 4 according to Thai Qualifications Framework for Higher Education (TQF) B.E.2552

Teaching Days-Times:

Monday – Friday	8.00 – 17.00 hrs.
First Semester:	June – October
Second Semester:	November – March

Time Frame of Thesis

Submission of Research Topic:	July 2021
Defense of research proposal:	June 2022
Data collection:	August 2022
Defense of Thesis:	December 2022
Submission of graduation:	May 2023

2. Course Content

- 551514 Biostatistics for Public Health Research 3(2-2-5)**
 Probability distribution and sampling distribution, Parameter estimation and hypothesis testing using parametric and non-parametric statistics, the relationship between the variables and regression analysis, using statistical software for data analysis, presenting data analysis, criticizing statistics used in research
- 551515 Public Health Administration 3(2-2-5)**
 Concepts of administration and public health, ethics in health professionals, principles and processes of general administration for application in developing public health, roles, skills and leaderships of administrator, strategy and planning, organizing, directing, human resources management, development of information system, health economics, finance and budgeting, communication, networks and partnerships building, supervision, monitoring and controlling, evaluating and reporting, health care governance new administrative techniques applying for analysis a problem in public health administration, application the solution process and technology of management to improve public health at all levels
- 551516 Environmental and Occupational Health 3(2-2-5)**

Principles and concepts of ecology and environmental health, principles and concepts of food sanitation and food safety, insects and animals carrier control, solid waste management system, housing sanitation and environmental pollution, environmental policy, concepts and principles in risk assessment in environmental health, environmental impact assessment, concepts and importance of occupational health and safety, hazardous working environments, principles of control and prevention of hazards due to working environment, new problem issues in environmental health and occupational health, preparatory and supporting disaster

551517 Behavioral Sciences and Health Education 3(2-2-5)

Situation and trend in public health problems, causal analysis of problems in public health and health behaviors, concepts of health education, behavioral sciences and health behaviors, aims of health education, role of health education in public health solving, concept, model, and theories of health education and behavioral sciences, and the application for changing health behaviors, planning, implementing, and evaluating health education program, research and development of innovations in health education

551518 Epidemiology 3(2-2-5)

Concepts, Significance and scope of epidemiology, disease indicators, natural history of diseases and disease proven in human, concepts and progress in disease prevention for individual and community, measurement of frequency and association of disease, emerging and reemerging disease, Epidemiological surveillance and investigation, study design in epidemiology, and the application of principle and epidemiology in public health

551521 Health Promotion 3(2-2-5)

Concepts and Principles of health promotion, health promotion strategy, planning and evaluation of health promotion, health promoting individual, group health and health promotion in the community, health promotion in the workplace, promoting health in schools, promoting healthy by age groups, holistic health promotion, healthy lifestyle physical activity, healthy food, stress management, reducing risk factors, including, accidents, alcohol and cigarettes, Health promotion innovative, competency of public health professionals in health promotion, health promotion practice through interprofessional collaboration, evaluation in health promotion

551522 Population and Reproductive Health 3(2-2-5)

Situation of population, population change and impact on health, problems on population and reproductive health, policy of population and reproductive health, reproductive rights, problems of premarital sex, undesired pregnancy, family planning accessibility, sexual transmitted diseases and AIDS, service accessibility and reproductive healthcare services, research in population and reproductive health

551536 Social Epidemiology 3(2-2-5)

Concept and theory in social epidemiology and the application for public health planning and problem solving in community, investigation of epidemiology, epidemiological

information, the application of epidemiological information for community diagnosis, problem identification, analysis of causation, and planning for problem solving in community

- 551537 Policy and Health System Reform 3(2-2-5)**
 Concepts, theories of health policy, factors influencing health policy process among public and private sectors, health policy analysis, health policy management, assessment of health policy utilization, health care reform and comparative health systems, and impacts of health care reform
- 551538 Safety Management in Work Place 3(2-2-5)**
 Fundamental in occupational health and safety management, investigation and analysis of an accident, management for detriment control, safety system, risk management, personnel safety equipment and emergency equipment management, human behavior and safety behavior in working condition, safety promotion technique in working and safety management system
- 551539 Environmental Health Management in Community 3(2-2-5)**
 Principles and concepts in system analysis, potential and situation of environmental health, planning controlling managing and evaluating in environmental health such as air pollution noise pollution water pollution, community waste, problem of chemical toxic and hazardous waste, water supply, tap water and sanitation
- 551540 Human Resources Management in Health Care 3(2-2-5)**
 Health system and components of health system, concepts and situation of health care workforce in developed and developing country, recruitment and selection, human resource development, interprofessional collaboration in developing of health care workforce, compensation and benefit, occupational health and safety of health care workforce, retention of health care workforce
- 551541 Environmental Toxicology in Public Health 3(2-2-5)**
 An overview of environmental toxicology, impacts of human exposure to toxic substances, toxin mechanisms of action and potential adverse health effects, risk assessment in public health practice, management of toxic pollutants, legislation on toxic pollutants
- 551542 Environmental and Health Impact Assessment 3(2-2-5)**
 Principles and concepts of environment and health impact assessment (EHIA), Components of EHIA, Analysis of environment and health impact, Writing in EHIA Report, Applying EHIA in public health
- 551543 Public Health Innovation Development 3(2-2-5)**
 Introduction to innovation, evolution of Thai health Innovation, Thai innovative health concepts, public health, Thai innovation to health for all, the importance and necessity

of innovation in public health, the development of innovative for public health, health strategy innovative health analysis role of public health academician and health innovation

- 551544 Health Promotion in Community 3(2-2-5)**
 Concepts, theories of health promotion, focusing on promoting prevention in primary care policy strategy measures and procedures for health promotion, holistic health care, community empowerment, The participation of the community in health promotion, Social networks health promotion
- 551545 Public Health Geographic Information Systems 3(2-2-5)**
 The development of medical geography, geographic information systems in public health, concepts of place and space, medical geography in public health, spatial data and public health geographic, information system database management, mapping public health information, applications of geographic information systems in public health
- 551546 Aging Health Care in Community 3(2-2-5)**
 The meaning and importance of caring for the elderly, The situation of the elderly, both globally and nationally, Changes in body and mind of the elderly. Environment of the elderly and the residence of the elderly, Social relationships of the elderly, The roles of the community family members and health officers care old people, Social change, the adaptation of the elderly, Needs and expectations of older people, Social support of seniors, Quality of life of elderly Global policy and national policy on care for the elderly
- 551581 Thesis 1, Type A2 3 credits**
 The elements of thesis or thesis examples in the related field of study, determining thesis title, developing concept paper, and preparing the summary of literature and related research synthesis
- 551582 Thesis 2, Type A2 3 credits**
 Developing research instruments and research methodology and preparing thesis proposal in order to present it to the Graduate school
- 551583 Thesis 3, Type A2 6 credits**
 Collecting data, analyzing data, preparing progress report in order to present it to the thesis advisor, and preparing full-text thesis and research article in order to get published according to the graduation criteria
- 551591 Research Methodology in Public Health 3(2-2-5)**
 Meaning, and aims of research, types and research methodology, review literature, research questions, variable and hypothesis, instrument development, data collection, data analysis, writing of research proposal and report, writing manuscript for publication, research utilization and research ethics
- 551592 Seminar (Non-Credit) 1(0-2-1)**

Studying, searching public health Problem issues in international, national, and regional levels, reviewing literatures and related articles, formulating issues and topic of public health problems of interest and presentation

Graduation Conditions:

- A total of 40 credits are required to complete the Master of Public Health program.
- A minimum cumulative 3.00 GPA is the requirement for graduation.
- The student needs a full paper internationally published in a journal or proceedings of an international conference, which is in the database of ISI Web Science or the SCOPUS journal list and must publish at least one study for master level.
- In addition to satisfy the English-language proficiency requirement for master level studies at Naresuan University, international students must meet one of following criteria:

Paper-based TOEFL	450
Computer-based TOEFL	150
Internet-based TOEFL	45
IELTS	5.0
Cambridge Placement Test online	B1 (39)
Naresuan University Writing Proficiency Test	60

9. Applicant Qualifications:

- Graduated with a Bachelor's degree or equivalent in public health or health sciences and related field, such as nursing, Medicine, Dentistry, Pharmacy, Medical Technology, Applied Alliance or other related fields, from Institutions accredited by the Ministry of Education. Or the applicant is in the final year of the Bachelor's program and is expected to fulfill the requirements before the first semester starts. All applicants are to have all other qualifications required by the University.
- For those who did graduate degree in another field. Must have experienced working in public health or related field for not less than three years.
- For those who did not conform to the properties 1 and 2. To file a request to be considered for admission. Depending on the discretion of the Master of Public Health Program Committee.

Document Required:

1. Academic Transcript and Certifications
2. Copy of ID card and Passport
3. TOEFL or IELTS test report
4. CV and Concept Paper
5. Recommendation Letter

Contact:

Admissions Coordinator:

For more information, international applicants please contact

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***The application procedure will complete when TICA has received the hard copy of the application form and other related documents through the Royal Thai Embassy/Permanent Mission of Thailand to the United Nations/Royal Thai Consulate – General accredited to eligible countries/territories.