

Master of Public Health (International Program)

Double Degree (Degree from Chiang Mai University and School of Public Health, University of Minnesota, USA)

○ **Major in One Health Program**

Type A2 [Thesis] Degree Requirements a minimum of 56 credits

Type 3 [Independent study] Degree Requirements a minimum of 56 credits

Major in One Health Program Type 2 [Thesis]

Degree Requirements Total a minimum of 56 Credits

A. Coursework a minimum of 44 Credits

1. Graduate Courses a minimum of 44 credits

1.1 Field of concentration courses a minimum of 44 credits

1.1.1 Required courses 28 credits

1.1.1.1 CMU'S RESPONSIBLE REQUIRED COURSES 14 credits

676700 Public Health Biostatistics 3 credits

676701 Principles of Epidemiology 3 credits

676702 Principle of Social and Behavioral Science in
Public Health 3 credits

676703 Principle of Public Health Administration 2 credits

676705 Environmental and Occupational Health 2 credits

676723 Public Health Ethics 1 credit

Or UMN/SPH'S RESPONSIBLE REQUIRED ONLINE COURSES

6020 Fundamentals of Social and Behavioral Science 3 credits

6102 Issues in Environmental and Occupational
Health 2 credits

6320 Fundamentals of Epidemiology 3 credits

6414 Biostatistical Methods 1 3 credits

6741 Ethics in Public Health: Professional Practice
and Policy 1 credit

6751 Principles of Management in Health Services
Org 2 credits

1.1.1.2 CMU'S RESPONSIBLE REQUIRED COURSES APPROVED
BY UMN/SPH 5 credits

676704 Research Methodology in Public Health 3 Credits

677791 Seminar in One Health 2 Credits

1.1.1.3 RESPONSIBLE REQUIRED COURSES INSTRUCTION BY 9 Credits

UMN/SPH'S AND CMU'S ADVISOR

| | | |
|--------|-------------------------------------|--------------|
| 676706 | Fieldwork Practice in Public Health | 2 Credits |
| 7294 | PHP MPH Culminating Experience | } 7 Credits* |
| 7296 | PHP Field Experience | |

* MPH program requires a total 7 credits of 7294 PHP MPH Culminating Experience and 7296 PHP Field Experience

1.1.2 Elective courses a minimum of 16 Credits

Students can select from courses inside or outside the field of concentrations listed following or other courses by CMU which approved by UMN/SPH

a minimum of 12 Credits

| | | |
|--------|--|-----------|
| 676707 | Public Health Economics | 2 Credits |
| 676708 | Health Promotion | 2 Credits |
| 677717 | Introduction to One Health | 2 Credits |
| 677718 | Communication in One Health | 2 Credits |
| 677719 | Systems Thinking and Community Empowerment In One Health | 2 Credits |
| 677720 | Risk Analysis for Public Health | 3 Credits |
| 677721 | Participatory Epidemiology | 3 Credits |
| 677722 | Food Safety from Farm to Consumer | 3 Credits |
| 652705 | Zoonoses | 1 credit |

1.2 Other courses

1.2.1 Required courses -None-

1 Elective courses -None-

Students can select from courses inside or outside the field of concentrations listed following or other courses which approved by UMN/SPH

a minimum of 4 Credits

| | | |
|------|---|-------------|
| 6606 | Food System Defense: Vulnerabilities in the Food System and How to Close Them | 2 Credits |
| 6613 | Principles of Risk Communication | 2 Credits |
| 6767 | Community Based Participatory Research | 3 Credits |
| 6780 | Farm to Table Study Program: Minnesota | 1-2 Credits |
| 6686 | Wildlife, the Environment and Public Health | 2 Credits |
| 6806 | Bloody Hell: Investigating an Outbreak of a Novel Hemorrhagic Disease | 2 Credits |
| 7415 | Globalization and Health | 3 Credits |
| | etc. | |

2. Advanced undergraduate courses

-None-

Note: According to the Memorandum of Understanding (MOU) between the Regents of the University of Minnesota through its School of Public Health, USA (UMN/SPH) and Chiang Mai University, Thailand (CMU) the students may transfer up to 17 credits completed at UMN to the CMU MPH Program. Additional courses taught jointly by UMN and CMU faculty can be counted toward the degree, such as the UMN/SPH MPH Program Field Experience and Culminating Experience project completed locally in Thailand

B. Thesis

12 Credits

677799 Master' Thesis

12 Credits

C. Non-credit Courses

1. Graduate School requirement -a foreign language-
2. Program requirement -None-

D. Academic Activities

1. A student has to organize seminar and present a paper two times throughout the program and students have to attend seminar that the course is offered.
2. At least 1 master's thesis work or a part of master's thesis work must be published in English or at least accepted to publish in a national journal listed in TCI Tier 1 database with the student as the first author **or** at least 1 master's thesis work or a part of master's thesis work must be presented in international conference accepted by the field of study **or** have patent or petty patent.

Major in One Health Program Type 3 [Independent study]

| | | | |
|---|--------------|---------------------|-------------------|
| Degree Requirements | Total | a minimum of | 56 Credits |
| A. Coursework | | a minimum of | 50 Credits |
| 1. Graduate Courses | | a minimum of | 50 Credits |
| 1.1 Field of concentration courses | | a minimum of | 50 Credits |
| 1.1.1 Required courses | | | 28 Credits |
| 1.1.1.1 CMU'S RESPONSIBLE REQUIRED COURSES | | | 14 Credits |
| 676700 Public Health Biostatistics | | | 3 Credits |
| 676701 Principles of Epidemiology | | | 3 Credits |
| 676702 Principle of Social and Behavioral Science in Public Health | | | 3 Credits |
| 676703 Principle of Public Health Administration | | | 2 Credits |
| 676705 Occupational and Environmental Health | | | 2 Credits |
| 676723 Public Health Ethics | | | 1 Credit |
| <u>Or</u> UMN/SPH'S RESPONSIBLE REQUIRED ONLINE COURSES | | | |
| 6020 Fundamentals of Social and Behavioral Science | | | 3 Credits |
| 6102 Issues in Environmental and Occupational Health | | | 2 Credits |
| 6320 Fundamentals of Epidemiology | | | 3 Credits |
| 6414 Biostatistical Methods 1 | | | 3 Credits |
| 6741 Ethics in Public Health: Professional Practice and Policy | | | 1 Credits |
| 6751 Principles of Management in Health Services Org | | | 2 Credits |
| 1.1.1.2 CMU'S RESPONSIBLE REQUIRED COURSES APPROVED BY UMN/SPH | | | 5 Credits |
| 676704 Research Methodology in Public Health | | | 3 Credits |
| 677791 Seminar in One Health | | | 2 Credits |
| RESPONSIBLE REQUIRED COURSES INSTRUCTION BY UMN/SPH'S AND CMU'S ADVISOR | | | 9 Credits |
| 676706 Fieldwork Practice in Public Health | | | 2 Credits |
| 7294 PHP MPH Culminative Experience | | } | 7 Credits* |
| 7296 PHP Field Experience | | | |
| * MPH program requires a total 7 credits of 7294 PHP MPH Culminating Experience and 7296 PHP Field Experience | | | |
| 1.1.2 Elective courses | | a minimum of | 22 Credits |
| Students can select from courses inside or outside the field of concentrations listed following or other courses by CMU which approved by UMN/SPH | | | |
| | | a minimum of | 18 Credits |

| | | |
|--------|--|-----------|
| 676707 | Public Health Economics | 3 Credits |
| 676708 | Health Promotion | 2 Credits |
| 677717 | Introduction to One Health | 2 Credits |
| 677718 | Communication in One Health | 2 Credits |
| 677719 | Systems Thinking and Community Empowerment In One Health | 2 Credits |
| 677720 | Risk Analysis for Public Health | 3 Credits |
| 677721 | Participatory Epidemiology | 3 Credits |
| 677722 | Food Safety from Farm to Consumer | 3 Credits |
| 652705 | Zoonoses | 1 credit |

1.2 Other courses

| | |
|------------------------|--------|
| 1.2.1 Required courses | -None- |
| 1.2.2 Elective courses | -None- |

Students can select from courses inside or outside the field of concentrations listed following or other courses which approved by UMN/SPH

| | | |
|------|---|-------------|
| | a minimum of | 4 Credits |
| 6606 | Food System Defense: Vulnerabilities in the Food System and How to Close Them | 2 Credits |
| 6613 | Principles of Risk Communication | 2 Credits |
| 6686 | Wildlife, the Environment and Public Health | 2 Credits |
| 6767 | Community Based Participatory Research | 3 Credits |
| 6780 | Farm to Table Study Program: Minnesota | 1-2 Credits |
| 6806 | Bloody Hell: Investigating an Outbreak of a Novel Hemorrhagic Disease | 2 Credits |
| 7415 | Globalization and Health etc. | 3 Credits |

2. Advanced undergraduate courses -None-

Note: According to the Memorandum of Understanding (MOU) between the Regents of the University of Minnesota through its School of Public Health, USA (UMN/SPH) and Chiang Mai University, Thailand (CMU) the students may transfer up to 17 credits completed at UMN to the CMU MPH Program. Additional courses taught jointly by UMN and CMU faculty can be counted toward the degree, such as the UMN/SPH MPH Program Field Experience and Culminating Experience project completed locally in Thailand

B. Independent Study**6 Credits**

677798 Independent Study

6 Credits

C. Non-credit Courses

1. Graduate School requirement -a foreign language-
2. Program requirement -None-

D. Academic Activities

1. A student has to organize seminar and present a paper two times throughout the program and students have to attend seminar that the course is offered.

2. At least 1 independent study work or part of independent study work must be published in English in CMU Graduate Journal or in other academic publication approved by the field of study and the graduate school with the student as the first author.

E. Comprehensive Examination

Having submitted a request form to the Graduate School, approved by general advisor or major thesis advisor, a student must then complete a comprehensive examination.