

Master of Public Health Program (International Program)

(Revised Curriculum B.E. 2568 / A.D. 2025)

Name of Institution: Khon Kaen University

Faculty: Faculty of Public Health and Graduate School

1. Degree and Major Information

1.1 Curriculum Code and Name * Thai: หลักสูตรสาขาวิชานสุขศาสตร์มหาบัณฑิต (หลักสูตรนานาชาติ)

- **English:** Master of Public Health (International Program)

1.2 Degree Name * Full Name (Thai): สาขาวิชานสุขศาสตร์มหาบัณฑิต

- **Abbreviated Name (Thai):** ศ.ม.
- **Full Name (English):** Master of Public Health
- **Abbreviated Name (English):** M.P.H.
- **Major (Undergraduate Level):** -
- **Field of Study/Specialization (Graduate Level):** -

1.3 Total Credits * Not less than 36 credits

1.4 Curriculum Type * Master's Degree * Plan 1 Type A 1 (Research only)

* Plan 1 Type A 2 (Coursework + Research)

* Plan 2 (Independent Study)

1.5 Curriculum Status and Approval * Revised Curriculum B.E. 2568 (2025), revised from the Master of Public Health Program, International Program (Revised Curriculum B.E. 2563).

- Endorsed by the University's Curriculum Screening Committee: Meeting No. 4/2568, March 6, 2025.

- Endorsed by the Academic Council: Meeting No. 3/2568, March 7, 2025.
- Approved by the University Council: Meeting No. 5/2568, May 7, 2025.
- Program Opening: First Semester, Academic Year 2025.

1.6 Language of Instruction * English

1.7 Admission Requirements

1. Foreign and Thai students who are proficient in English or possess other additional qualifications as specified by the Curriculum Administration Committee and the Graduate School.
2. In accordance with the Announcement of the Standard of Graduate Studies B.E. 2565 (2022) and must hold a Bachelor's degree or equivalent.
3. In accordance with Khon Kaen University Regulations on Graduate Studies B.E. 2566 (2023).

1.8 Contact Information * Faculty of Public Health, Khon Kaen University (Department of Health Management Technology Innovation)

- **Website:** <https://ph.kku.ac.th/>
- **Program Chair:** Assoc. Prof. Dr. Kittipong Sornlorm
 - **Email:** kittsorn@kku.ac.th
- **Committee Members and Program Coordinators:**
 - Ms. Orawan Deesurakul (**Email:** uorawa@kku.ac.th)
 - Ms. Pootsadee Kaiyawong (**Email:** pootsadeeka@kku.ac.th)

2. Philosophy, Objectives, and Learning Outcomes

2.1 Program Learning Outcomes (PLOs)

The program has analyzed Competency-based outcomes as follows:

| SPECIFIC Competency | GENERIC Competency |
|--|--|
| 1. Apply appropriate principles and theories under moral and ethical standards in public health academics and professions. | 1. Demonstrate ability to work as a team. |
| 2. Explain in-depth knowledge of key principles and theories in public health; able to conduct research or create innovations that respond to problem-solving and development needs at community, regional, national, Greater Mekong Sub-region, ASEAN, European, and global levels. | 2. Enhance potential for self-development. |
| 3. Ability to apply knowledge and diverse data collection to assess situations, find solutions, and develop public health and people's health at all levels, from community to international levels. | 3. Communication skills. |
| 4. Demonstrate leadership, responsibility in operations, and ability to work effectively with others in solving problems and developing public health and health systems. | |
| 5. Skills in analytical thinking, data synthesis, communication, use of information technology, and modern management to develop knowledge for utilization at national and international levels, including regional, Greater Mekong Sub-region, ASEAN, Europe, and worldwide. | |

2.2 Philosophy and Objectives

Program Philosophy: The Master of Public Health (International Program) (Revised B.E. 2568) aims to create public health leaders who possess deep knowledge, systematic thinking, practical ability, morality, and create innovations for the good health of people internationally. This is achieved by integrating three key components according to Khon Kaen University's educational philosophy (2023) through **Learning Paradigm** management.

The curriculum develops **in-depth public health knowledge (Knowledge)** alongside fostering **systematic analytical thinking and problem-solving skills (Wisdom)** through active learning and research. It also cultivates **professional ethics and social responsibility (Ethics)** through practice in real situations.

- **Knowledge & Skills:** Emphasizes developing learners with deep knowledge in health, management, and data analysis to create creative and innovative public health solutions, including experiential learning.
- **Ethics & Characters:** Focuses on learners having morality and ethics in public health operations, prioritizing social responsibility, collaboration, and being leaders with integrity, discipline, and honesty to solve public health problems effectively.
- **Wisdom:** Promotes the development of wisdom in analytical thinking, rational decision-making, and applying knowledge to solve problems and develop public health work effectively, emphasizing assessment for learning.

Furthermore, the curriculum promotes the creation of public health innovations using technology and new concepts to address national and international health challenges. Graduates will be visionary public health leaders who understand the global health context, can work in multicultural environments, and are ready to be a key force in developing and increasing the country's competitiveness in public health in the 21st century.

Program Objectives:

1. Apply appropriate principles and theories under moral and ethical standards in public health academics and professions.
2. Explain in-depth knowledge of key principles and theories in public health; able to conduct research or create innovations responding to needs at community, regional, national, and global levels.
3. Ability to apply knowledge and diverse data collection to assess situations, find solutions, and develop public health at all levels.

4. Demonstrate leadership, responsibility, and ability to work effectively with others in solving problems and developing health systems.
5. Skills in analytical thinking, data synthesis, communication, IT, and modern management to develop knowledge for national and international utilization.

3. Curriculum Structure

3.1 Total Credits

- **Plan 1 Type A 1:** 36 Credits
- **Plan 1 Type A 2:** 36 Credits
- **Plan 2:** 36 Credits

3.2 Structure Components

| Category | Plan 1 Type A 1 | Plan 1 Type A 2 | Plan 2 |
|-----------------------------|------------------------|------------------------|---------------|
| Total Credits | 36 | 36 | 36 |
| 1) Required Courses | | | |
| - Credit | - | 15 | 21 |
| - Non-credit | 1 | 1 | 1 |
| 2) Elective Courses | - | 9 | 9 |
| 3) Thesis | 36 | 12 | - |
| 4) Independent Study | - | - | 6 |

3.3 Courses

3.3.1 Required Courses (15 Credits)

| Code | Course Name (Thai / English) | Plan A1 | Plan A2 | Plan 2 |
|---------------------------|---|---------|----------|----------|
| 1) Credits Counted | | | | |
| PH 510 707 | ระเบียบวิธีวิจัยประยุกต์สำหรับสาธารณสุข Applied Research Methodology for Public Health | - | 3(2-2-5) | 3(2-2-5) |
| PH 510 708 | ชีวสถิติขั้นสูงสำหรับการวิจัยทางวิทยาศาสตร์สุขภาพ Advanced Biostatistics for Health Science Research | - | 3(2-2-5) | 3(2-2-5) |
| PH 510 709 | วิทยาการระบาดประยุกต์ Applied Epidemiology | - | 3(3-0-6) | 3(3-0-6) |
| PH 510 710 | ปัญหาสุขภาพและสาธารณสุข และการจัดการ Health and Public Health Problems and Management | - | 3(3-0-6) | 3(3-0-6) |
| PH 510 711 | การเขียนและนำเสนอผลงานวิจัย Writing and Presenting Research Articles | - | 3(3-0-6) | 3(3-0-6) |
| PH 510 730 | การจัดการระบบสุขภาพโลก Global Health System Management | - | - | 3(3-0-6) |
| PH 510 731 | ภูมิรัฐศาสตร์และเศรษฐศาสตร์สุขภาพโลก | - | - | 3(3-0-6) |

| | | | | |
|----------------------|--|---|----------|----------|
| | Geopolitics and Global Health Economics | | | |
| 2) Non-credit | | | | |
| PH 510 891 | สัมมนาทางสาธารณสุข Seminar in Public Health | - | 1(1-0-2) | 1(1-0-2) |

3.3.2 Elective Courses *Students in Plan A1 and Plan 2 must select courses from the list below or additional courses opened later for at least 9 credits.*

| Code | Course Name (Thai / English) | Plan A1 | Plan A2 | Plan 2 |
|------------|--|---------|----------|----------|
| PH 510 715 | การจัดการสาธารณสุขในภัยพิบัติ Public Health Management in Disaster | - | 3(3-0-6) | 3(3-0-6) |
| PH 510 721 | สารสนเทศศาสตร์สุขภาพ Health Informatics | - | 3(2-3-5) | 3(2-3-5) |
| PH 510 722 | การจัดการหน่วยบริการสาธารณสุขและโรงพยาบาล Health Service Unit and Hospital Management | - | 3(3-0-6) | 3(3-0-6) |
| PH 510 723 | การจัดการสุขภาพเชิงกลยุทธ์และกลยุทธ์การตลาดเพื่อการแข่งขัน Strategic Health Management and Competitive Marketing Strategy | - | 3(3-0-6) | 3(3-0-6) |
| PH 510 725 | การจัดการโครงการสาธารณสุข Public Health Project Management | - | 3(3-0-6) | 3(3-0-6) |
| PH 510 717 | ระบบสารสนเทศภูมิศาสตร์สำหรับการวิจัยทางด้านสาธารณสุข | - | 3(2-3-5) | 3(3-0-6) |

| | | | | |
|------------|---|---|----------|----------|
| | Geographic Information System for Public Health Research | | | |
| PH 510 732 | การจัดการอนามัยสิ่งแวดล้อมและผลกระทบจากการเปลี่ยนแปลงสภาพภูมิอากาศ Environmental Health and Climate Change Impact Management | - | 3(3-0-6) | 3(3-0-6) |
| PH 510 733 | การจัดการโรคติดเชื้ออุบัติใหม่ อุบัติซ้ำ และแนวโน้มสุขภาพหนึ่งเดียว One Health and Emerging Infectious Disease Management | - | 3(3-0-6) | 3(3-0-6) |
| PH 510 720 | ความรอบรู้ด้านสุขภาพ Health Literacy | - | 3(3-0-6) | 3(3-0-6) |
| PH 510 734 | การสร้างแบบจำลองโรคติดเชื้อ Infectious Disease Modelling | - | 3(2-3-5) | 3(2-3-5) |
| PH 510 735 | ทฤษฎีพฤติกรรมสุขภาพขั้นสูงและการประยุกต์ Advanced Health Behavior Theory and Applications | - | 3(3-0-6) | 3(3-0-6) |

3.3.3 Thesis / Independent Study

| Code | Course Name | Plan A1 | Plan A2 | Plan 2 |
|------------|-------------------|---------|---------|--------|
| PH 510 897 | Independent Study | - | - | 6 |
| PH 510 898 | Thesis | 36 | - | - |
| PH 510 899 | Thesis | - | 12 | - |

3.3.4 Study Plan Example

Year 1, Semester 1

| Code | Course Name | Plan A1 | Plan A2 | Plan 2 |
|----------------------|--|----------|-----------|-----------|
| PH 510 707 | Applied Research Methodology for Public Health | - | 3 | 3 |
| PH 510 708 | Advanced Biostatistics for Health Science Research | - | 3 | 3 |
| PH 510 709 | Applied Epidemiology | - | 3 | 3 |
| PH 510 710 | Health and Public Health Problems and Management | - | 3 | 3 |
| PH 510 898 | Thesis | 9 | - | - |
| Total Credits | | 9 | 12 | 12 |

Year 1, Semester 2

| Code | Course Name | Plan A1 | Plan A2 | Plan 2 |
|----------------------|--|-----------|-----------|-----------|
| PH 510 711 | Writing and Presenting Research Articles | - | 3 | 3 |
| PH 510 730 | Global Health System Management | - | - | 3 |
| PH 510 891 | Seminar in Public Health | (1) | (1) | (1) |
| PH 510 xxx | Elective Course | - | 3 | 3 |
| PH 510 xxx | Elective Course | - | 3 | 3 |
| PH 510 898 | Thesis | 9 | - | - |
| Total Credits | | 10 | 10 | 13 |

Year 2, Semester 1

| Code | Course Name | Plan A1 | Plan A2 | Plan 2 |
|----------------------|---|----------------|----------------|---------------|
| PH xxx xxx | Elective Course | - | 3 | 3 |
| PH 510 731 | Geopolitics and Global Health Economics | - | - | 3 |
| PH 510 897 | Independent Study | - | - | 3 |
| PH 510 898 | Thesis | 9 | - | - |
| PH 510 899 | Thesis | - | 6 | - |
| Total Credits | | 9 | 9 | 9 |

Year 2, Semester 2

| Code | Course Name | Plan A1 | Plan A2 | Plan 2 |
|---------------------------|--------------------|----------------|----------------|---------------|
| PH 510 897 | Independent Study | - | - | 3 |
| PH 510 898 | Thesis | 9 | - | - |
| PH 510 899 | Thesis | - | 6 | - |
| Total Credits | | 9 | 6 | 3 |
| Cumulative Credits | | 36 | 36 | 36 |

4. Qualifications of Applicants

1. In accordance with the Announcement of the Standard of Graduate Studies B.E. 2565 and must hold a Bachelor's degree or equivalent.
2. In accordance with Khon Kaen University Regulations on Graduate Studies B.E. 2566.

5. Evaluation and Graduation Requirements

5.1 In accordance with the Announcement of the Standard of Graduate Studies B.E. 2565.

5.2 In accordance with Khon Kaen University Regulations on Graduate Studies B.E. 2566, Section 10.

5.3 In accordance with KKU Announcement No. 844/2567 regarding Criteria for Publishing Thesis or Independent Study for Graduate Studies Graduation.

5.4 Publication Requirements:

5.4.1 Plan 1 Type A 1:

- Propose thesis and pass the final oral examination.
- Thesis work or part of it must be **published or accepted for publication in an international journal** (waiting time for publication must not exceed 2 years as per OHEC criteria).
- Alternatively, it can be an innovation, invention, or other searchable academic work as prescribed by the University Council.
- **Student must be the First Author**, including the names of the main advisor or co-advisor, specifying the student's Faculty and Khon Kaen University.

5.4.2 Plan 1 Type A 2:

- Complete coursework with a cumulative GPA of not less than 3.00.
- Propose thesis and pass the final oral examination.
- Thesis work or part of it must be **published in an international journal** (or accepted, waiting time not exceeding 2 years), OR be an innovation/invention, OR be presented at an

academic conference with a **Full Paper published in the Proceedings**.

- **Student must be the First Author**, including advisor names, specifying the student's Faculty and Khon Kaen University.

5.4.3 Plan 2:

- Complete coursework with a cumulative GPA of not less than 3.00 (from a 4-level system).
- Pass the **Comprehensive Examination** (Written and/or Oral).
- Propose Independent Study report and pass the final oral examination (Open to the public).
- Independent Study report must be **published in a journal** (or accepted, waiting time for international journals not exceeding 2 years) OR presented at an **international academic conference** which is searchable.
- **Student must be the First Author**, including advisor names, specifying the student's Faculty and Khon Kaen University.