

# **Doctor of Philosophy Program in Public Health**

## **International Program**

### **1. Degree Program**

- : ปรัชญาดุษฎีบัณฑิต สาขาวิชาสาธารณสุขศาสตร์
- : Doctor of Philosophy Program in Public Health

### **2. Degree Offered**

- : ปรัชญาดุษฎีบัณฑิต (สาธารณสุขศาสตร์)
- : ปร.ด. (สาธารณสุขศาสตร์)
- : Doctor of Philosophy (Public Health)
- : Ph.D. (Public Health)

### **3. Objectives**

The program intends to produce doctoral graduates in public health with capabilities to

3.1 search advanced knowledge of health science and create new body of knowledge through research methods that can be applied for public health policy formulation

3.2 select appropriate knowledge and technologies for planning and solving public health problems, and

3.3. maintain high competence for analysis of complex public health problems, formulating appropriate strategies of problem solving by efficiently integrating them into each individual's expertise in health sciences and pertaining them to international quality standard.

A major strength of the program is its multidisciplinary orientation. Since it is jointly offered by seven faculties in Health Science, the program covers all aspects of public health. The emphasis of the program is research, and the goal is to produce high-quality scholars and to prepare them for successful academic careers. As the initial step in this process, the program provides students with rigorous training in research tools and Public Health concepts. The students are then able to increase knowledge in their chosen fields. With close supervision of experienced and active faculty members, students will be able to produce quality research at international standards. The ability to accommodate multiplicity areas of research to accomplish individual student goals is thus considered a great strength of the program.

**4. Total Credit Hours            48        Credits**

**4.1 Program Structure**

	<b>Type 1.1</b>	<b>Type 2.1</b>	
Compulsory courses	-	10	credits
Elective course	-	2	credits
Dissertation	48	36	credits
<b>Total</b>	<b>48</b>	<b>48</b>	credits

**4.2 List of Courses**

**4.2.1 Compulsory Course**

4.2.1.1 The program without course work or Type 1.1 Program may take some course work without credits

4.2.1.2 The program with course work or Type 2.1 Program needs a total of 10 credits for the following four courses:

*510 901	Advanced Epidemiological Methods	2(1-3-4)
*510 902	Advanced Health Science Research Methodology	4(2-6-7)
*510 903	Concept, Theories and Strategies in Public Health	3(3-0-6)
*510 991	Doctoral Seminar in Public Health	1(1-0-2)

**4.2.2 Elective Course**

4.2.2.1 The Type 1.1 Program students may enroll in these courses for non-credit hours, under the permission of the Advisory Committee.

4.2.2.2 The Type 2.1 Program students must enroll at least 2 credits of the courses listed below or some additional courses which will be notified later.

251 887	Roles of the Clinical Nurse Specialists	3(1-8-4)
253 743	Community Nursing Management	2(2-0-4)
374 901	Occupational Health	3(3-0-2)
374 902	Social Medicine	3(3-0-3)
452 901	Medical Molecular Genetics	3(3-0-3)
473 901	Current Topics in Physical Therapy	3(3-0-6)
*510 701	Advanced Public Health Management	3(3-0-6)

*510 702	Healthy Public Policy Development	3(3-0-6)
512 901	Advanced Environmental Health	3(2-3-4)
516 712	Statistical Methods for Longitudinal Studies	3(2-3-3)
516 722	Data Management for Health Research	3(2-3-3)
516 745	Quality Assurance for Health Research	3(2-3-3)
516 746	Manuscript Preparation for Health Research	3(2-3-3)
516 902	Advanced Biostatistical Methods for Health Science Research	3(2-3-4)
516 904	Advanced Multivariable Analysis	3(2-3-4)
564 703	Advanced Oral Health Promotion	4(3-3-2)
564 704	Advanced Preventive Dentistry	2(1-3-2)
712 901	Animal Models in Medical Research	2(2-0-3)

In addition to these elective courses, there could be some additional courses open for enrollment later. However, they will be notified before the semester begins. In addition, the students can enroll in other graduate courses at Khon Kaen University, with permission of the Doctor of Philosophy in Public Health Program Committee.

#### 4.2.3 Dissertation

	<b>4.2.3.1 Type 1.1</b>	<b>48</b>	<b>Credits</b>
752 997	Dissertation		48
	<b>4.2.3.2 Type 2.1</b>	<b>36</b>	<b>Credits</b>
752 999	Dissertation		36

#### 4.3 Class Schedules

The program takes three years or six semesters to complete. The first year starts in the first semester of the academic year. The details are as follows:

##### 4.3.1 The Type 1.1 Program

<i>Year 1</i>	<i>Semester 1</i>	<i>Credits</i>
752 997	Dissertation	9
	Number of credits this semester	9
	<b>Cumulative number of credits</b>	<b>9</b>

<b><i>Year 1</i></b>	<b><i>Semester 2</i></b>	<b><i>Credits</i></b>
752 997	Dissertation	9
	Number of credits this semester	9
	<b>Cumulative number of credits</b>	<b>18</b>
<b><i>Year 2</i></b>	<b><i>Semester 1</i></b>	<b><i>Credits</i></b>
752 997	Dissertation	9
	Number of credits this semester	9
	<b>Cumulative number of credits</b>	<b>27</b>
<b><i>Year 2</i></b>	<b><i>Semester 2</i></b>	<b><i>Credits</i></b>
752 997	Dissertation	9
	Number of credits this semester	9
	<b>Cumulative number of credits</b>	<b>36</b>
<b><i>Year 3</i></b>	<b><i>Semester 1</i></b>	<b><i>Credits</i></b>
752 997	Dissertation	9
	Number of credits this semester	9
	<b>Cumulative number of credits</b>	<b>45</b>
<b><i>Year 3</i></b>	<b><i>Semester 2</i></b>	<b><i>Credits</i></b>
752 997	Dissertation	3
	Number of credits this semester	3
	<b>Cumulative number of credits</b>	<b>48</b>

#### 4.3.2 The Type 2.1 Program

<b><i>Year 1</i></b>	<b><i>Semester 1</i></b>	<b><i>Credits</i></b>
510 901	Advanced Epidemiological Methods	2
510 902	Advanced Health Science Research Methodology	4
510 903	Concept, Theory and Strategy in Public Health	3
	Number of credits this semester	9
	<b>Cumulative number of credits</b>	<b>9</b>

<i>Year 1</i>	<i>Semester 2</i>	<i>Credits</i>
510 991	Doctoral Seminar in Public Health	1
xxx xxx	Elective(s) (listed under #17.3.2) at least	2
752 999	Dissertation	6
	Number of credits this semester	9
	<b>Cumulative number of credits</b>	<b>18</b>

<i>Year 2</i>	<i>Semester 1</i>	<i>Credits</i>
752 999	Dissertation	9
	Number of credits this semester	9
	<b>Cumulative number of credits</b>	<b>27</b>

<i>Year 2</i>	<i>Semester 2</i>	<i>Credits</i>
752 999	Dissertation	9
	Number of credits this semester	9
	<b>Cumulative number of credits</b>	<b>36</b>

<i>Year 3</i>	<i>Semester 1</i>	<i>Credits</i>
752 999	Dissertation	9
	Number of credits this semester	9
	<b>Cumulative number of credits</b>	<b>45</b>

<i>Year 3</i>	<i>Semester 2</i>	<i>Credits</i>
752 999	Dissertation	3
	Number of credits this semester	3
	<b>Cumulative number of credits</b>	<b>48</b>