

# DOCTOR OF PHILOSOPHY PROGRAM IN NURSING SCIENCE (International Program)

## Section 1 General Information

### Program Title:

DOCTOR OF PHILOSOPHY PROGRAM IN NURSING SCIENCE (International Program)

### Name of the Degree

**Full name:** Doctor of Philosophy (Nursing Science)

**Abbreviation:** Ph.D. (Nursing Science)

### Responsible Unit

- Ramathibodi School of Nursing, Faculty of Medicine Ramathibodi Hospital, Mahidol University
- Faculty of Nursing, Mahidol University
- Faculty of Graduate Studies, Mahidol University

## **History of the Program**

The Doctor of Philosophy Program in Nursing Science (International Program) has been jointly established since 2001 by Ramathibodi School of Nursing, Faculty of Medicine Ramathibodi Hospital and Faculty of Nursing, Mahidol University with the support of the Office of the Higher Education Commission to prepare for nurse scientists with competency in nursing research to advance nursing science.

This joint program distinguishes itself by drawing on a wider pool of expertise and experience through strong collaborations between the two outstanding nursing education institutions under Mahidol University the 1<sup>st</sup> rank university in Thailand. The joint program is distinctive from other programs. Courses are jointly taught by the distinguish faculty members from both institutions. Students are mentored by highly qualified faculty members with wide range of expertise. The program also has strong academic collaborations with more than 10 renowned nursing schools in the United States, Canada, and Australia giving our students and faculty members international experience and global perspectives.

## Administration of the Program

The administration of the Doctor of Philosophy Program in Nursing Science (International Program) is carried out by the Program Administrative Committee comprising of representatives from Ramathibodi School of Nursing, Faculty of Medicine Ramathibodi Hospital and from the Faculty of Nursing, Mahidol University. The two nursing institutions have been alternately served as a chairperson of this PhD program in a term of 2 years. Both nursing institutions operate the program together in collaboration with the Faculty of Graduate Studies, Mahidol University.

### Program Administrative Committee

1. Professor Dr.Somchit Hanucharurnkul	Consultant
2. Director of School of Nursing Ramathibodi Hospital Faculth of Medicine Ramathibodi Hospital	Committee member and Consultant
3. Dean of Faculty of Nursing	Committee member and Consultant
4. Associate Professor Dr. Manee Arpanantikul	Program Chair
5. Associate Professor Dr. Tassanee Prasopkittikun	Co-Program Chair
6. Assistant Professor Dr. Apinya Siripitayakunkit	Committee member
7. Associate Professor Dr. Aurawamon Sriyuktasuth	Committee member
8. Associate Professor Dr. Wantana Maneesri wongul	Committee member and Secretary
9. Assistant Professor Dr. Wanna Phahuwatanakorn	Committee member and Assistant Secretary

### **Number of Credits Taken throughout the Program**

Study Plan 1.1	At least 48 credits
Study Plan 2.1	At least 52 credits

### **Course Format**

Study in class

### **Teaching Places**

The program will be conducted mainly at:

- Ramathibodi School of Nursing, Faculty of Medicine Ramathibodi Hospital, Mahidol University at Phayathai Campus
- Faculty of Nursing, Mahidol University at both Bangkoknoi and Salaya Campuses.

## Section 2 Specific Information of the Program

### Philosophy of the Program and Significance of the Program

The Doctor of Philosophy Program in Nursing Science (International Program) is a program that aims to produce the PhD graduates with advanced knowledge in breadth and depth, high competency in nursing and advanced research; profound comprehension of principle and theories in nursing science; critical thinking and creativity; and self-directed learning to develop new knowledge and innovation in responsive to the health needs according to people's beliefs, culture and practices; being a leader, teamwork, effective communication, and integration of technology in nursing education, research, and practices with respect to codes of ethics and professional conduct, and cultural diversity.

### Program Goals (Program Educational Objectives; PEOs):

The program aims to develop learners to:

1. Be a nursing scholar with quality, morality, and ethics (PEO1)
2. Analyze and synthesize nursing knowledge to improve people's health and quality of life (PEO2)
3. Create high-quality research with ethical consideration in generating a body of new knowledge in nursing and health (PEO3)

4. Demonstrate appropriate leadership and followership, have good interactions with those who get involved with, and be responsible for themselves and others (PEO4)
5. Disseminate knowledge, convey, and exchange information, use appropriate information technology to search and collect data and be able to communicate effectively at both national and international levels (PEO5)

**Program Learning Outcomes (Expected Learning Outcomes; ELOs):**

After completion of the program, the PhD graduates are able to:

1. Have responsibility and adhere to codes of ethics and professional conduct relevant to nursing profession and health (ELO1)
2. Apply a body of knowledge and strengthen skills and competency in developing research related to health (ELO2)
3. Develop nursing research and innovation to enhance health care system and nursing (ELO3)
4. Initiate changes to improve health care and nursing systems by demonstrating leadership and teamwork skills, and understanding the diversity and multiculturalism (ELO4)
5. Disseminate knowledge, convey and exchange knowledge in academic and public forums, and effectively use communication and digital technology at both national and international levels (ELO5)

## **Section 3 Educational Management System, Program Operation, and Program Structure**

### **Educational Management System**

The educational management system of this program has been used as the same system of the Faculty of Graduate Studies. Those systems include enrollment system, registration system, tuition payment system, student service system, e-document system, IT system, etc. For accessing to each system, please go to: <https://graduate.mahidol.ac.th/inter/current-students/>

Regarding to the library management system, students and academic staffs can access to the main library of Mahidol University (<https://www.li.mahidol.ac.th/eng/>), library of Faculty of Medicine Ramathibodi Hospital, library of Faculty of Nursing, and other faculty libraries in different locations of Mahidol University.

Online teaching and learning system of the Ramathibodi School of Nursing has been used the e-learning system combined with the classroom face to face learning. Online teaching is conducted through Zoom application, Microsoft team application, and Webex application.

## **Program Operation**

### **Duration of Study**

4 academic years

### **Academic System**

Semester system

## **Date and Time for Teaching and Learning**

Teaching and learning in office hours

## **Language**

English is used for teaching learning in the class

## **Qualification of Applicants**

### **For Study Plan 1.1**

1. hold a master's degree in nursing or in fields related to nursing, which includes finishing a nursing theory course of at least 2 credit hours and a theory course in the substantive area of at least 2 credit hours
2. have experience in conducting research and have at least 1 publication in a peer-reviewed international journal and at least 1 publication in a peer-reviewed national journal as the first author or corresponding author, but not the publication for graduation
3. hold a registered nurse license (or equivalent) in his/her own country



4. have a minimum grade point average (GPA) 3.50 of 4.00 scale at the master degree level
5. pass an English proficiency examination scores as the requirement of the Faculty of Graduate Studies, Mahidol University
6. Other exceptions may be considered by the Program Administrative Committee and the Dean of the Faculty of Graduate Studies

### **For Study Plan 2.1**

1. hold a master's degree in nursing or in fields related to nursing, which includes finishing a nursing theory course of at least 2 credit hours and a theory course in the substantive area of at least 2 credit hours
2. applicants who had graduated with a master's degree in nursing must have experience in conducting research and have at least 1 publication in a peer-reviewed international or national journal as the first author or corresponding author, but not the publication for graduation
3. hold a registered nurse license (or equivalent) in his/her own country
4. have a minimum grade point average (GPA) 3.50 of 4.00 scale at the master's degree level
5. pass an English proficiency examination scores as the requirement of the Faculty of Graduate Studies, Mahidol University

6. Other exceptions may be considered by the Program Administrative Committee and the Dean of the Faculty of Graduate Studies

### **Time to Apply for Admission**

Applicants can apply for admission all year round. The committee will consider applications four times a year according to the timeline of Faculty of Graduate Studies.

### **Required Materials for Application**

1. Write a statement of professional goals including, motivation for the doctoral study, career \ goals, and the focus of doctoral research
2. Letters of recommendation from three persons who are knowledgeable about the applicant's potential for research and scholarly work

### **Program Type and its Structure**

Study Plan 1.1 →	At least 48 credits - Dissertation 48 credits Total 48 credits
Study Plan 2.1 →	At least 52 credits 1. Required courses 12 credits 2. Elective courses no less than 4 credits 3. Dissertation 36 credits Total 52 credits

## Course Requirements

### Study Plan 1.1

Dissertation 48 credits	Credits (Lecture-Lab-Self-study)
RANS 898/ NSID 898 Dissertation	48 (0-144-0)

### Study Plan 2.1

Required Courses 12 credits	Credits (Lecture-Lab-Self-study)
RANS 608 Philosophy of Science and Nursing Science	2 (2-0-4)
NSID 551 Nursing Leadership in Health Delivery System	2 (2-0-4)
RANS 609 Advanced Research Design in Nursing	2 (2-0-4)
NSID 552 Nursing Theory Development	2 (2-0-4)
RANS 651 Advanced Statistics in Health Sciences	2 (2-0-4)

NSID 558 Qualitative Research	2 (1-2-3)
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Elective Courses no less than 4 credits	Credits (Lecture-Lab-Self-study)
RANS 629 Gender and Health: Theory and Research	2 (2-0-4)
NSID 555 Health Promotion	2 (2-0-4)
NSINSID 557 Stress, Coping and Adaptation	2 (2-0-4)
RANS 690 Outcome Research: Measurement and Management	2 (2-0-4)
RANS 695 Chronic Illness	2 (2-0-4)
RANS 669 / NSID 567 Selected Topic in Nursing	2 (2-0-4)

Dissertation 36 credits	Credits (Lecture-Lab-Self-study)
RANS 699/ NSID 699	36 (0-108-0)

### **Course Code Explanation**

RANS is a course code of Ramathibodi School of Nursing

NSID is a course code of Faculty of Nursing

### **Research Project of the Program**

The guidelines of the research projects of the program are as follows:

#### ***Health Promotion***

1. Promoting breastfeeding
2. Prevention of risky sexual behavior in school age children and adolescents
3. Health behaviors and health promotion of individuals of all ages in healthy, risk, and illness conditions
4. Women's health
5. Family life cycle and health
6. Mental health promotion and mental health and psychiatric problems
7. Food security

#### ***Prevention and Management of Chronic Disease***

1. Self-management of chronic disease patients
2. Symptom management of chronic and psychiatric patients

3. Management of chronic disease patients and the elderly in the community
4. End-of-life care
5. Chronic care system
6. Caregivers

### ***Prevention and Crisis and Emergency Management***

1. Emergency patient service system
2. Disaster management and care

### **Program Academic Staffs**

Professors who teach this program are faculty members from Ramathibodi School of Nursing, Faculty of Medicine Ramathibodi Hospital and Faculty of Nursing, Mahidol University, and guest lecturers from other universities in Thailand and from partnership schools in other countries.

## Study Plan throughout the Program

### Study Plan 1.1

Year	Semester 1	Semester 2
<b>1</b>	RANS 898/NSID 898 Dissertation 6(0-18-0) <b>Total 6 credits</b>	RANS 898/NSID 898 Dissertation 6(0-18-0) <b>Total 6 credits</b>
	<b>Semester 3</b> <b>Qualifying Examination (QE)</b>	
<b>2</b>	RANS 898/NSID 898 Dissertation 6(0-18-0) <b>Total 6 credits</b> <b>Dissertation Proposal Examination</b>	RANS 898/NSID 898 Dissertation 6(0-18-0) // 9(0-27-0) <b>Total 6-9 credits</b>
<b>3</b>	RANS 898/NSID 898 Dissertation 6(0-18-0) // 9(0-27-0) <b>Total 6-9 credits</b>	RANS 898/NSID 898 Dissertation 6(0-18-0) // 9(0-27-0) <b>Total 6-9 credits</b> <b>Dissertation Defense</b>
<b>4</b>	RANS 898/NSID 898 Dissertation 6(0-18-0) // 9(0-27-0) <b>Total 6-9 credits</b> <b>Dissertation Defense</b>	RANS 898/NSID 898 Dissertation 6(0-18-0) // 9(0-27-0) <b>Total 6-9 credits</b> <b>Dissertation Defense</b>

## Study Plan 2.1

Year	Semester 1	Semester 2
1	RANS 608 Philosophy of Science and Nursing Science 2(2-0-4)	RANS 609 Advanced Research Design in Nursing 2(2-0-4)
	NSID 552 Nursing Theory Development 2(2-0-4)	NSID 551 Nursing Leadership in Health Delivery System 2(2-0-4)
	RANS 651 Advanced Statistics in Health Sciences 2(2-0-4)	NSID 558 Qualitative Research 2(1-2-3)
	Elective Course 2(2-0-4)	Elective Course 2(2-0-4)
	<b>Total 8 credits</b>	<b>Total 8 credits</b>
<b>Semester 3</b>		
<b>Qualifying Examination (QE)</b>		
2	RANS 699/ NSID 699 Dissertation 6(0-18-0)	RANS 699/ NSID 699 Dissertation 6(0-18-0) // 9(0-27-0)
	<b>Total 6 credits</b> <b>Dissertation Proposal Examination</b>	<b>Total 6-9 credits</b>
3	RANS 699/ NSID 699 Dissertation 6(0-18-0) // 9(0-27-0)	RANS 699/ NSID 699 Dissertation 6(0-18-0) // 9(0-27-0)
	<b>Total 6-9 credits</b>	<b>Total 6-9 credits</b>
4	RANS 699/ NSID 699 Dissertation 6(0-18-0) // 9(0-27-0)	RANS 699/ NSID 699 Dissertation 6(0-18-0) // 9(0-27-0)
	<b>Total 6-9 credits</b> <b>Dissertation Defense</b>	<b>Total 6-9 credits</b> <b>Dissertation Defense</b>

## Registration

- Students must register as full-time students.
- Students must register no less than 9 credit hours but no more than 15 credit hours per regular semester, or up to the recommendation of the advisor.



## Section 4 Learning outcomes, teaching strategies, and evaluation

The expected learning outcomes of the program has been developed to be in line with the Thai qualifications framework for higher education (TQF) which designates five domain of learners' learning outcome as the following table:

ELOs	Learning outcomes according to Thai higher education qualifications framework (TQF)				
	1. Ethics and morals	2. Knowledge	3. Cognitive skills	4. Interpersonal skills and responsibility	5. Numerical, communication and information technology skills
1. Have responsibility and adhere to codes of ethics and professional conduct relevant to nursing profession and health	✓	✓	✓	✓	-
2. Apply a body of knowledge and strengthen skills and competency in developing research related to health	✓	✓	✓	✓	✓
3. Develop nursing research and innovation to enhance health care system and nursing	✓	✓	✓	✓	✓
4. Initiate changes to improve health care and nursing systems by demonstrating leadership and	✓	✓	✓	✓	✓

ELOs	Learning outcomes according to Thai higher education qualifications framework (TQF)				
	1. Ethics and morals	2. Knowledge	3. Cognitive skills	4. Interpersonal skills and responsibility	5. Numerical, communication and information technology skills
teamwork skills, and understanding the diversity and multiculturalism					
5. Disseminate knowledge, convey and exchange knowledge in academic and public forums, and effectively use communication and digital technology at both national and international levels	✓	-	-	✓	✓

## Section 5 Criteria to evaluate students

Student evaluation is in accordance with the rules and regulations of Mahidol University.

Student assessments are conducted into two levels as follows:

1. At the course level, students are informed about the methods to be used for formative and summative assessments. The assessment methods are appropriately used in each course and are constructed to be in line with the expected learning outcome and course learning outcome.

2. At the program level, all students are assessed with the qualification examination and dissertation examination.

### **Qualifying Examination**

The purpose of the qualifying examination (QE) is to evaluate a doctoral student's knowledge related to theory and domain of knowledge as well as scholarly inquiry pertaining to the area of the student's dissertation or interest. The examination has both a written component and an oral component. The student should demonstrate sufficient expertise of the theoretical and methodological issues related to the problem as a basis for pursuing his/her own research. The oral examination provides the student with an opportunity to elaborate on the written component, as well as other aspects that are not addressed in the written component. The specific purposes of the examination are to move to candidacy, to begin preliminary work on the dissertation, and to provide students the opportunity to engage in scholarly discourse with the faculty and obtain expert guidance.

For evaluation criteria of QE, a doctoral student must pass the QE both written and oral components to receive an overall passing score. If a student does not pass the QE, he/she must re-take the QE examination within 6 months. If the student fails the second examination, the Program Chair must bring this issue to the Administrative Program Committee for the final resolution. The expiry of the student status may be proposed to Dean of Faculty of Graduate Studies.

### **Dissertation**

The website of the Faculty of Graduate Studies is the main source of information on dissertation regulations. Please visit at <https://graduate.mahidol.ac.th/inter/current-students/>

The guideline for dissertation planning is as follows:

1. Once a PhD candidate has identified committee members, he or she should obtain official approval of committee membership from the Program Chair by submitting in writing a summary of the dissertation plan and information on the composition of the committee. The student may consult informally with potential committee members in preparing the dissertation plan summary.
2. When the Program Chair has approved the Dissertation Committee membership, a nomination form will be submitted to the Faculty of Graduate Studies.
3. Once approval of the committee is achieved, the student works closely with Committee members to clarify procedures, methodology, and timetable for the dissertation. The guidelines in the Thesis Guideline Handbook regarding the procedures for oral defense and evaluation should be followed. When the oral defense is scheduled, students should inform the Office of the Doctoral Program so that an announcement of the date, time and topic can be made.

## **Partnership Schools**

This program has collaboration with institutions in foreign countries as the partnership schools. Students may select to study in the partnership school for approximately one year with the scholarship from the Commission on Higher Education, Ministry of Education; their own scholarship; or scholarship from their own institutions. The objectives of studying at the partnership school will be as follows:

- Developing their dissertation proposal.
- Attending some courses, which will help students, expanded their conceptualization in conducting their dissertation.

- Helping their mentors/preceptors (if appropriate) in any phase of the research project to gain experience in research practicum.

However, the plan of study in the partnership school will be established in collaboration between the faculties of two institutions, that is, Mahidol University (Ramathibodi School of Nursing and Faculty of Nursing) and the partnership school, who will also serve on the Dissertation Committee.

Our program is a collaborative program with well-known universities as follows:

**Australia:**

School of Nursing and Midwifery, Deakin University

**Canada:**

School of Nursing, University of Alberta, Canada

**United States of America**

1. College of Nursing, University of Illinois, Chicago
2. School of Nursing, University of California at San Francisco
3. School of Nursing, Johns Hopkins University
4. School of Nursing, University of Michigan
5. School of Nursing, University of North Carolina at Chapel Hill
6. School of Nursing, University of Pennsylvania
7. School of Nursing, University of Texas at San Antonio
8. School of Nursing, University of Wisconsin, Madison
9. School of Nursing, Yale University
10. School of Nursing, University of Washington, Seattle

11. School of Nursing, University of Minnesota
12. School of Nursing, Columbia University

## **Section 7 Program quality assurance**

According to the regulations of the Office of the Higher Education Commission (OHEC) and the Thailand Nursing and Midwifery Council (TNMC), the program is required to be revised every 5 years to keep the program up to date. Therefore, the program has brought inputs from all stakeholders' needs and feedbacks into consideration for the curriculum design and development. For quality assurance, the program has regular internal and external quality assessment.

### **Contact Person:**

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