



GRADUATE PROGRAMS

FACULTY OF PHARMACEUTICAL SCIENCES
KHON KAEN UNIVERSITY



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Message from Dean

Associate Professor. Paiboon Daosodsai, Ph.D.

The Faculty of Pharmaceutical Sciences of Khon Kaen University is one of the leading pharmaceutical institution in Northeast Region of Thailand with international importance in educational and research fields. In 2020, the faculty is in 201st – 250th in QS World University Rankings by Subject 2020 (Pharmacy and Pharmacology). Our missions are to produce qualified graduates with the advanced scientific knowledge and rich academic experience to maintain high quality research and to create new innovations and products.

Quickly developing and progressing changes in the international trends of pharmaceutical profession require the wide diapason of knowledge and integration of practical experience and research knowledge. Our pharmacy school ensure high quality graduate education that incorporates innovative aspects of educational training and research. The varieties of graduate programs in pharmaceutical sciences enable graduates to find the expertise field of their interest providing with an excellent foundation for the academic and professional career.

The Faculty of Pharmaceutical Sciences is internationally opened place. Every year we accept and graduate international students in different fields of pharmaceutical expertise. We ensure high standard research facilities with the equipped according to the laboratory standards work places and provide new laboratory equipment for conduction of research. We also provide a high-quality professional knowledge and supportive community to base a clinical practice. After graduation, many of our international graduate students bring obtained knowledge and skills back to their home countries, standing out with their affirming international perspective and strong sense of self. We highly support this trend and strive for its development in the future.

I would like to invite you to join the graduate program at our faculty and become a part of our family.

Assoc. Prof. Dr. Paiboon Daosodsai

Dean, Faculty of Pharmaceutical Sciences, KKU

Higher Graduate Diploma Program in Pharmacotherapy







Higher Graduate Diploma Program in Pharmacotherapy

Faculty of Pharmaceutical Sciences

General information



- **Program**

Higher Graduate Diploma Program in Pharmacotherapy



- **Degree**

Higher Grad. Dip. (Pharmacotherapy)



- **Total credits**

24 credits (1 year program)



- **Study plan**

- 1) Type A1 Thesis only
- 2) Type A2 Course work and thesis



- **Language (Mode of teaching)**

Thai and English.

However, students must be able to use Thai language well

● Program structure

Total	24 Credits
1) Compulsory	8 Credits
2) Specific subjects	16 Credits

Compulsory

Code	Course	Credit
PS517 711	Current topics in Pharmacotherapy I	2(1-3-4)
PS517 712	Current topics in Pharmacotherapy II	2(1-3-4)
PS517 713	Health Research Methodology and Biostatistics	4(4-0-8)

Specific subjects

Code	Course	Credit
PS517 721	Clinical Skills in Pharmaceutical Care	2(1-3-4)
PS517 722	Communication Skills in Pharmaceutical Care	2(1-3-4)
PS517 723	Pharmacy Practice I	6(0-24-12)
PS517 724	Pharmacy Practice II	6(0-24-12)

Example of Study Plan

Year 1, Semester 1	Credit
PS517 711 Current topics in Pharmacotherapy I	2(1-3-4)
PS517 721 Clinical Skills in Pharmaceutical Care	2(1-3-4)
PS517 722 Communication Skills in Pharmaceutical Care	2(1-3-4)
PS517 723 Pharmacy Practice I	6(0-24-12)
Total credits	12

Year 1, Semester 2		Credit
PS517 712	Current topics in Pharmacotherapy	2(1-3-4)
PS517 713	Health Research Methodology and Biostatistics	4(4-0-8)
PS517 724	Pharmacy Practice II	6(0-24-12)
Total credits		12
Accumulate credits		24



Course description

PS517 711	Current topics in Pharmacotherapy I	2(1-3-4)
Prerequisite : No		
Update drug therapies in the following areas: cardiovascular system, respiratory system, gastrointestinal system, renal system, neurology system, psychiatry, endocrine system, and obstetric-gynecology include health promotion and prevention.		
PS517 712	Current topics in Pharmacotherapy II	2(1-3-4)
Prerequisite : No		
Continued from Current Topics in Pharmacotherapy I: immunology, eye-ear-nose-throat, dermatologic diseases, hematologic disorders, infectious diseases, neoplasm, nutrition, pediatrics, and geriatrics include health promotion and prevention.		

PS517 713	Health Research Methodology and Biostatistics	4(4-0-8)
Prerequisite : No		
Research methodology, research design, ethical in literature review and research, sample size calculation, health data collection, analysis and interpretation, hypothesis testing, application of statistical significant testing, health parameters analytical techniques, validity and reliability study, measurement scale		
PS517 721	Clinical Skills in Pharmaceutical Care	2(1-3-4)
Prerequisite : No		
Principles of pharmaceutical care, application of knowledge for systematic thinking, problem-solving skill, probabilistic approach, clinical decision making, appraisal of clinical information for systematic approach in pharmaceutical care, essence of clinical skills for pharmaceutical care with multidisciplinary team, roles and responsibilities of pharmacists for patient, ethics in pharmaceutical care.		
PS517 722	Communication Skills in Pharmaceutical Care	2(1-3-4)
Prerequisite : No		
Principles of communication skills, professional communication with patient and health care team, writing and interviewing technique, communication technique with patient in special situation, patient drug counselling, ethics in communication.		
PS517 723	Pharmacy Practice I	6(0-24-12)
Prerequisite : No		
Pharmaceutical care practice by application of pharmacotherapeutic knowledge in acute care, ambulatory care and patient care in community setting.		
PS517 724	Pharmacy Practice II	6(0-24-12)
Prerequisite : PS517 723		
Pharmaceutical care practice by application of pharmacotherapeutic knowledge in acute care, ambulatory care and patient care in community setting.		



