

# HIGHER GRADUATE DIPLOMA (PHARMACOTHERAPY)



Faculty of Pharmaceutical Sciences  
Khon Kaen University

# 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)

#### 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

#### 1) Compulsory

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)

#### 2) Specific subjects

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		Credits
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)
<b>Total credits</b>		<b>12</b>
Year 1, Semester 2		Credits
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)
<b>Total credits</b>		<b>12</b>
<b>Accumulate credits</b>		<b>24</b>

## Course description

PS517 711      Current topics in Pharmacotherapy 1      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 2      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 1 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 2 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.