



DOCTOR OF PHILOSOPHY PROGRAM IN PHARMACEUTICAL SCIENCES

■ FACULTY OF PHARMACEUTICAL SCIENCES

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Pharmaceutical Sciences is a problem-solving discipline concerned with the discovery, design, mechanism, and use of drugs.

The doctoral program at Naresuan University focuses on the two hs: “Herbal and Health.” Research endeavors directly target drug development, how drugs work, determination of their properties, and dosages and delivery systems with the least diverse effects on the users, including cosmetic sciences and pharmaceutical outcomes.

Our Faculty is proud to be the first in Thailand to initiate the Pharm.D program, a six year study, emphasizing clinical skills of pharmaceutical care. All students are required to acquire general professional practice and seven clerkship rotations in hospitals, pharmacies, and public health centers for at least 2,000 hours.

For those interested in discovery, problem-solving, and cutting-edge research in one of the foremost scientific and medical environments, Naresuan University Faculty of Pharmaceutical Sciences is your choice.



Objectives

Graduates of the Doctoral Program in Pharmaceutical Sciences are expected to possess the following attributes:

- Competency as a researcher in discovering new knowledge in Pharmaceutical Sciences.
- Possessing in–depth knowledge, understanding, and concepts so as to interrelate significant elements in research and development.
- Capability in transferring pharmaceutical knowledge in conjunction with quantitative analysis and ICT in research endeavors.
- Mastery of self–study and continuous learning.
- An ethical researcher.

Admission

In accordance with the Graduate School Rules and Regulations. The program committee reserves the rights to require more qualifications as deemed appropriate.

Medium of Instruction

Thai and English



Research Focus

1. Pharmaceutical Technology
 - 1.1 Drug Delivery System
 - 1.2 Nanotechnology
 - 1.3 Biomaterials for Regenerative Medicine
2. Cosmetic Science
 - 2.1 Product Development
 - 2.2 New Active Ingredients from Thai Herbs
 - 2.3 Efficacy & Safety Evaluation
3. Pharmaceutical Chemistry
 - 3.1 New Drugs from Thai Herbs
 - 3.2 Analytical Development
4. Pharmacology & Molecular Biology
5. Toxicology
6. Pharmacy Practice
 - 6.1 Smoking
 - 6.2 Rational Drug Use
 - 6.3 Outcome Research
 - 6.4 Social and Administrative Pharmacy

Requirement for Graduation

In accordance with the Graduate School Rules and Regulations.