



DOCTOR OF PHILOSOPHY PROGRAM IN MEDICAL SCIENCE

■ FACULTY OF MEDICAL SCIENCE

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The program provides training which can lead to academic careers in universities or medical institutions or to a wide variety of research or administrative positions in both public and private sectors.

The program is multidisciplinary covering all areas within the medical sciences, such as biochemistry, microbiology, parasitology, physiology, and anatomy.

Knowledge and expertise gained from our training are applicable to conduct research in biotechnology, molecular biology, medical science technology, environmental health, health, bio-material technology, bioinformatics, nanotechnology, and bio-based industries. Students are encouraged to conduct their dissertation in a Routine-to-Research approach. Most applicants are already practitioners in the field, wishing to find solutions to their work through empirical inquiries.

Our faculty is well-funded from diverse research grants to support their student research projects, such as the Royal Golden Jubilee, Thailand Research Fund, National Research Council of Thailand, and National Science and Technology Development Agency. Networking with organizations both on campus, at home, and abroad enriches our program, such as the Faculty of Sciences, the Faculty of Medicine, National Council of Sciences and Technology, and the Institute of Forensic Science in the University of Texas Health Science Center at Fort Worth.



Objectives

The desirable attributes of graduates are as follows:

- Research. Is responsible in carrying out research commitments.
- Ethics. Practices and encourages professional ethics.
- Team Member. Possess both leadership and followership, upholds rights and responsibilities, ready to listen to and accept different opinions.
- In-depth. Has an understanding of the core knowledge of the field.
- Innovation. Takes initiative in analysis and synthesis of significant issues and is able to create new knowledge and innovations from R&D.
- Academic Self-sufficiency. Is competent in searching for knowledge on one's own and capable of combining diverse approaches together from within the field as well as from other disciplines.
- Professional stand. Is equipped with self-confidence and presentation skills in supporting one's own stance and looked up to as a professional leader.
- Quantitative Prowess. Able to scrutinize and select mathematical and statistical data for use in important and complex problems.
- Technological Mastery. Is a proficient user of ICT in professional communications at international standards.

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

- Prevention and Control of Diseases
- Neuroscience
- Herbal Uses in Medicine

Requirement for Graduation

In accordance with the university Graduate School Rules and Regulations.

