

ABOUT THE COURSE

This course is suitable for medical doctors (both general and specialists) and health care professionals who focus on producing research.

This course aims to produce state-of-the-art technical knowledge for producing graduates who demonstrate excellence in clinical scientific knowledge, and its acquisition. Furthermore, research methodology, critical-thinking, and new knowledge creation are all essential that are beneficial for patient care, both at present, and in the future.

The curriculum outlined was adapted to be both concise and modern, useful for the development of excellent graduates which, in turn, will be useful for society.

OBJECTIVE

The doctoral program in clinical sciences produces doctoral degree graduates with the following characteristics:

1. Excellent knowledge of the principles of, and theory underpinning, clinical science and its associated fields, to apply to complex phenomenon, and its interpretation, and a strong ability to improve their own knowledge.
2. Ability to undertake standard research, or academic structure administration, gain new clinical science knowledge, and expertise in modern clinical practice
3. Ability to analyze, synthesize, communicate, utilize information technology and administer knowledge development

STRUTURE

Core Courses

- Common Research Designs
- Literature Search and Literature Review
- Research Critical Appraisal
- Research Question and Topic
- Measurement in Clinical Sciences
- Biostatistics in Clinical Sciences Research
- Ethics in Clinical Research and Good Clinical Practice
- Seminar in Clinical Sciences I, II, III

Optional Courses

- Advanced Research Design
- Qualitative Research
- Advanced Biostatistics in Clinical Sciences Research
- Statistics for Qualitative Research
- Ethics in Preclinical Research
- Clinical Economics
- Drug Bioequivalence
- Drug Discovery and Development
- Herbs and Cosmetic
- Smart Devices and Medical Robotics
- Gerontology and Geriatric Research
- Innovation Management
- Research Methodology in Innovation
- Technology and Intellectual Property Management
- Knowledge Management for Innovative Business
- Advanced ethics in clinical science research
- Applied Regenerative Medicine



ELIGIBILITY

The degree can be divided into two types:

Type 1 is a research-oriented program which expands academic knowledge into new areas. The program may assign the study of some courses or non-credits courses but the results should be up to the standard specified by the program.

- Type 1.1 for those holding Master's Degree or equivalent or Postgraduate Diploma.
- Type 1.2 for those holding Bachelor's Degree or equivalent

Type 2 is a research-oriented program which requires the students to complete a thesis that is highly academically qualified, and there should be coursework.

- Type 2.1 for those holding Master's Degree or equivalent or Postgraduate Diploma.
- Type 2.2 for those holding Bachelor's Degree or equivalent

ENGLISH LANGUAGE REQUIREMENT

The following English language ability tests, which should have been completed no more than two years before the start date of the course, are accepted

Test	Minimal requirement
TOFEL (paper based)	500
TOFEL (computer based)	1173
TOFEL (internet based)	61
TOFEL (Institutional Testing Program)	500
IELTS (academic module)	5.5
TU-GET	550/1000
CU-TEP	70/120
KKU-ALET	Writing: band 4 Reading: band 4

CRITERIA FOR DEGREE AWARDS

Doctoral degree must consist of the following minimum credits;

- **Type 1.1:** 48 credits for a thesis
- **Type 1.2:** 72 credits for a thesis
- **Type 2.1:** 36 doctoral thesis credits and 12 coursework credits
- **Type 2.2:** 48 doctoral thesis credits and 24 coursework credits

Additionally, students are required to complete doctoral process and examinations including qualified examination, proposal presentation, seminars in clinical sciences and international publication(s)

SCHOLARSHIPS

Khon Kaen University provide funding for PhD students. The following scholarships cover full payment of tuition fee, living expenses, and travel costs:

- ASEAN and Greater Mekong Sub-region scholarships
- KKU scholarship for international students

TUITION AND FEES

	Thai (USD)	International (USD)
Application fee*	40	40
Tuition fee*	1000	1000
Admission fee*	-	500
Qualified examination fee	45	45
Thesis defense examination fee	90	90

*per subject, *per semester

ADMISSION

Online application is open throughout the year:

<https://app.gs.kku.ac.th/>

SUPPORTING DOCUMENTS

1. Curriculum vitae (CV)
2. Transcript
3. Certification
4. Letter of recommendation
5. Copy of passport

CONTACTS

For Admission Enquiry

Graduate School

3rd Floor, Bimala Kalakicha Building,
Khon Kean University, Khon Kaen, Thailand 40002
Phone: +66 (0) 43-202-420
Email: graduate@kku.ac.th
Website: <http://gs.kku.ac.th>

For Course Enquiry

Clinical Epidemiology Unit

Faculty of Medicine, Khon Kaen University
Khon Kaen, Thailand 40002
Phone: +66 (0) 43-366-577

Assoc. Prof.Patorn Piroomchai

Phone: +66 (0) 81-544-4463
E-mail: patorn@kku.ac.th

Asst. Prof.Phanthipha Wongwai

Phone: +66 (0) 81-661-6005
E-mail: wpanti@kku.ac.th

Wisa Laochan-an

Phone: +66 (0) 88-552-0566
E-mail: wisala@kku.ac.th



DOCTOR OF PHILOSOPHY IN CLINICAL SCIENCE INTERNATIONAL PROGRAM



Faculty of Medicine
Khon Kaen University
Thailand