



**CHULABHORN
ROYAL ACADEMY**

Chulabhorn Graduate Institute

Announcement

“Qualifying Examination 2019”

GENERAL RULES (according to the student guideline)

1. A Ph. D. student must take his/her Ph. D. qualifying examinations in his/her fourth semester at the latest. Students who fail the qualifying examinations are asked to retake the exam. Students are eligible to take the qualifying examination only twice; those who fail will be dismissed from the doctoral program.
2. Ph. D. qualifying examinations are conducted entirely in English.
3. The qualifying examinations may include a written and/or oral exam.
4. Eligibility requirements for the qualifying examinations:
 - Doctoral students must follow the announcements set out by their respective Program Management Committee. (if required)
 - Master's students transferred to a doctoral degree program
 - (1) For plan A (1), students must have completed research which can be further developed into a doctoral thesis. Additionally, they must have been accepted by the respective Program Management Committee and have notified the Division of Academic Support.
 - (2) For plan A (2), students must have been enrolled for at least 2 semesters and have completed not less than 15 credits of coursework with a cumulative GPA (i.e., GPAX) not less than 3.50. or have been approved for eligibility by the Program Management Committee.
5. The time, dates and venues of the qualifying examinations will be announced annually.

For this year:
The qualifying examinations consist of two separate parts i.e., fundamental and specialization examinations. Students are required to take both.

5.1 The fundamental examination covers materials from the following courses.

CGAB501 Principles of Applied Biosciences: Systems Biology

CGAB502 Experimental Strategies for Biological Problems

5.2 The specialized examination is selected by students as their area of specialization areas as follows:

- **Environmental Toxicology specialized area covers materials from the following courses.**

CGET503 Principles of Toxicology

CGET504 Environmental Toxicology

CGAB610 Environmental and Health Risk Assessment and Management

CGAB608 Detection of Environmental Pollutants and Monitoring of Health Effects

CGAB503 Case Studies in Applied Biosciences

CGAB504 Pathobiology and Analysis of Disease at the Organism Level

CGAB505 Pathobiology and Analysis of Disease at the Population Level

- **Applied Biological Sciences specialized area covers materials from the following courses.**
 CGAB503 Case Studies in Applied Biosciences
 CGAB504 Pathobiology and Analysis of Disease at the Organism Level
 CGAB505 Pathobiology and Analysis of Disease at the Population Level
 CGET503 Principles of Toxicology
 CGET504 Environmental Toxicology
 CGAB610 Environmental and Health Risk Assessment and Management
 CGAB608 Detection of Environmental Pollutants and Monitoring of Health Effects
- **Chemical Biology specialized area covers materials from the following courses.**
Required Courses
 CGCB502 Spectroscopic Methods for Organic Compounds and Biomolecules
 CGCB503 Drug Discovery and Development
Elective Courses
 CGCB501 Advanced Organic Chemistry
 CGCB602 Medicinal Chemistry
 CGCB605 Natural Products Chemistry

PASS/FAIL CRITERIA

Scores from the fundamental and specialization examinations contribute equally to the final scores. A student must obtain at least 60% to pass the qualifying examinations.

EXAMINATION DATE

Fundamental Examination:

March 29th 2019 at Teleconference Room, 3rd floor, Chulabhorn Graduate Institute Building

Specialized Examination:

For CB Program

Required Courses

April 25th 2019 at Seminar Room 3, 3rd floor, Chulabhorn Graduate Institute Building

Elective Courses

May 1st 2019 at Seminar Room 3, 3rd floor, Chulabhorn Graduate Institute Building

For ABS and ET Program

April 29th 2019 at Seminar Room 3, 3rd floor, Chulabhorn Graduate Institute Building

Announced on February 20, 2019

Somsak Ruchirawat

(Prof. Emeritus Dr. Somsak Ruchirawat)
 Rector of Chulabhorn Graduate Institute