



**CHULABHORN
ROYAL ACADEMY**

Chulabhorn Graduate Institute

Announcement

“Qualifying Examination for Academic Year 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:
 - For Ph.D. students, they must follow the announcements set out by their respective Program Management Committee. (if required)
 - For Master's students who have been transferred to a Ph.D. degree program
 - (1) For plan A (1), students must have completed research work which can be further developed Ph.D. thesis. Additionally, they must have been approved by the respective Program Management Committee and have notified the Division of Academic Support.
 - (2) For plan A (2), students must enroll 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 must 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 Academic Year 2019:

The qualifying examinations consist of two separate parts i.e., fundamental and specialized examinations. Students are required to take both.

5.1 The fundamental examination covers materials from the following courses.

0102501 (CGAB501) Principles of Applied Biosciences: Systems Biology

0102502 (CGAB502) Experimental Strategies for Biological Problems

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

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

0302503 (CGET503) Principles of Toxicology

0302504 (CGET504) Environmental Toxicology

0103610 (CGAB610) Environmental and Health Risk Assessment and Management

0103608 (CGAB608) Detection of Environmental Pollutants and Monitoring of Health Effects

0102503 (CGAB503) Case Studies in Applied Biosciences
0102504 (CGAB504) Pathobiology and Analysis of Disease at the Organism Level
0102505 (CGAB505) Pathobiology and Analysis of Disease at the Population Level

- **Applied Biological Sciences specialized area covers materials from the following courses.**

0102503 (CGAB503) Case Studies in Applied Biosciences
0102504 (CGAB504) Pathobiology and Analysis of Disease at the Organism Level
0102505 (CGAB505) Pathobiology and Analysis of Disease at the Population Level
0302503 (CGET503) Principles of Toxicology
0302504 (CGET504) Environmental Toxicology
0103610 (CGAB610) Environmental and Health Risk Assessment and Management
0103608 (CGAB608) Detection of Environmental Pollutants and Monitoring of Health Effects

- **Chemical Biology specialized area covers materials from the following courses.**

Required Courses

0202502 (CGCB502) Spectroscopic Methods for Organic Compounds and Biomolecules
0202503 (CGCB503) Drug Discovery and Development

Elective Courses

0202501 (CGCB501) Advanced Organic Chemistry
0202602 (CGCB602) Medicinal Chemistry
0203605 (CGCB605) Natural Products Chemistry

PASS/FAIL CRITERIA

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

EXAMINATION DATE

Fundamental Examination:

April 3rd 2020 at Lecture Room 2, 7th floor, Chulabhorn Graduate Institute Building

Specialized Examination:

For CB Program

Required Courses

April 27th 2020 at Lecture Room 2, 7th floor, Chulabhorn Graduate Institute Building

Elective Courses

May 1st 2020 at Lecture Room 3, 7th floor, Chulabhorn Graduate Institute Building

For ABS and ET Program

May 1st 2020 at Lecture Room 2, 7th floor, Chulabhorn Graduate Institute Building

Announced on February 27, 2020

Somsak Ruchirawat

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