



**CHULABHORN
ROYAL ACADEMY**
Chulabhorn Graduate Institute

Announcement

Qualifying Examination for Academic Year 2020 for Ph.D. Chemical Sciences Student

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 as a 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 12 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 2020:
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 for each study track covers materials from the following courses.

Chemical Biology

0402502 Spectroscopy for Chemical Sciences
0102501 Principles of Applied Biosciences: Systems Biology
0102502 Experimental Strategies and Methods for Biological Problems

Organic Chemistry

0402502 Spectroscopy for Chemical Sciences

0402501 Advanced Organic Chemistry

0402602 Medicinal Chemistry

5.2 The Specialized examination for each study track covers materials from the following courses.

Chemical Biology

0403505 Natural Products Chemistry

0402602 Medicinal Chemistry

Organic Chemistry

0403504 Organic Synthesis 1

0403505 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. Should the student fail to attain 60%, the student must secure at least 40% to qualify for the subsequent oral examination. Those who fail to attain 40% will have to retake the examination.

EXAMINATION DATE

Fundamental Examination

- **Chemical Biology:**

1. The examination date for the course 0402502 Spectroscopy for Chemical Sciences will be on February 8th 2021 at Seminar Room 3, 3rd floor, Chulabhorn Graduate Institute Building.

2. The examination date for the two courses, 0102501 Principles of Applied Biosciences: Systems Biology and 0102502 Experimental Strategies and Methods for Biological Problems, will be announced by Applied Biological Sciences and Environmental Toxicology Qualifying Examination Committee.

- **Organic Chemistry**

The examination date for the three courses, 0402502 Spectroscopy for Chemical Sciences, 0402501 Advanced Organic Chemistry, and 0402602 Medicinal Chemistry, will be on February 8th 2021 at Seminar Room 3, 3rd floor, Chulabhorn Graduate Institute Building.

Specialized Examination

• **Chemical Biology**

1. The examination date for the course 0402602 Medicinal Chemistry will be on **February 8th 2021** at Seminar Room 3, 3rd floor, Chulabhorn Graduate Institute Building.

2. The examination date for the course 0403505 Natural Products Chemistry will be on **February 15th 2021** at Seminar Room 3, 3rd floor, Chulabhorn Graduate Institute Building.

• **Organic Chemistry**

The examination date for the two courses, 0403504 Organic Synthesis 1 and 0403505 Natural Products Chemistry, will be on **February 15th 2021** at Seminar Room 3, 3rd floor, Chulabhorn Graduate Institute Building.

Announced on December **18** , 2020

Somsak Ruchirawat

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