

# **Regulations for Graduate Degree Examinations, Department of Chemistry, Chung Yuan Christian University**

Revised by Proposal from the First Research Group of the Second Semester of Academic Year 92  
Revised based on the Minutes of the First Department Meeting of the Second Semester of Academic Year 92  
Revised based on the Minutes of the Fifth Department Meeting of the Second Semester of Academic Year 98  
Revised based on the Minutes of the Fifth Department Meeting of the Second Semester of Academic Year 99  
Revised based on the Minutes of the First Department Meeting of the First Semester of Academic Year 102

## **Article 1**

These regulations are established in accordance with Chung Yuan Christian University's Graduate Degree Examination guidelines.

## **Article 2**

The study period for master's programs is limited to one to four years, and for doctoral programs, it is limited to two to seven years.

## **Article 3**

Master's students must complete 24 course credits, including three courses chosen from six mandatory courses, two years of seminar credits, and six thesis credits.

The required courses are: Advanced Organic Chemistry, Advanced Inorganic Chemistry, Advanced Analytical Chemistry, Advanced Quantum Chemistry, and Advanced Thermodynamics.

Doctoral students must complete 24 course credits, two years of seminar credits, and twelve thesis credits.

Master's degree examinations include the master's thesis examination, while doctoral students undergo a doctoral candidacy examination and a doctoral dissertation examination. Procedures for doctoral candidacy examinations are stipulated separately.

## **Article 4**

Master's students who have completed the required courses and credits and submitted their thesis may apply for the master's degree examination. Upon passing the examination by the Master's Degree Examination Committee, the degree is awarded by the university. Students who finish their required courses and credits at the end of the semester may, with their advisor's recommendation, take the master's degree examination early. The degree will be awarded upon completion of all course and credit requirements.

## **Article 5**

The Master's Degree Examination Committee consists of three members selected from internal and external scholars or experts with expertise in the student's thesis subject, meeting

at least one of the following qualifications, recommended by the department head, and appointed by the university president:

1. Former professors, associate professors, or assistant professors.
2. Academicians or former research fellows/associate research fellows of Academia Sinica.
3. Holders of a doctoral degree with academic accomplishments.
4. Scholars in rare or specialized fields with recognized academic or professional achievements.

The department head determines eligibility under qualifications 3 and 4 above.

### **Article 6**

Doctoral students who meet the following criteria may be recognized as doctoral candidates:

1. Completion of required doctoral coursework.
2. Passing the doctoral candidacy examination.
3. Publication of papers or patents:
  - Two SCI-indexed journal papers,
  - Two patents,
  - One SCI paper and one patent, or
  - One SCI paper with a score exceeding 3 points.

The student must be the first author (excluding the advisor) of SCI papers, and the advisor must be the corresponding author. For patents, the student must be the main contributor, excluding the advisor.

### **Article 7**

Doctoral Examination Committees consist of five to seven members, with at least one-third being external members. Members are selected from internal and external scholars, recommended by the department, and appointed by the university president, with qualifications including:

1. Former professors or associate professors.
2. Academicians or former research fellows at Academia Sinica.
3. Former associate professors or associate fellows at Academia Sinica with notable academic achievements.
4. Holders of a doctoral degree with academic accomplishments.
5. Scholars in rare or specialized fields with recognized academic or professional achievements.

The department head determines eligibility under qualifications 3 to 5 above.

### **Article 8**

Master's and doctoral degree examinations are conducted orally; a written examination may be held if necessary. The following provisions apply:

1. Oral examinations are generally public, with prior announcement of time, location, and thesis title.
2. Committee members must attend in person. A quorum of three members is required for a master's examination and five for a doctoral examination.
3. The committee designates one member as the convener, though the advisor may not serve as convener.
4. The passing score is 70, with 100 as the maximum. The grade is averaged unless a majority (for master's) or one-third (for doctoral) deem the examination failed, in which case the average is not taken.
5. Any plagiarism or academic misconduct confirmed by the committee results in a failing grade.

### **Article 9**

Doctoral students who fail the doctoral examination but meet the requirements for a master's degree based on the committee's evaluation may be awarded a master's degree.

### **Article 10**

Master's and doctoral students must withdraw under the following conditions:

1. Failure to complete required coursework within the stipulated study period.
2. Failure in the degree examination, inability to retake, or failure after one retake.

### **Article 11**

Theses (including abstracts) for doctoral and master's degrees should be written in Chinese. After passing the degree examination, the thesis file must be submitted to the department office, and a revised hard copy must be submitted to the library within one month, along with two copies to the Academic Affairs Office for archiving.

### **Article 12**

Any matters not addressed in these regulations shall be handled in accordance with relevant laws and university regulations.

### **Article 13**

These regulations are established by the department meeting and approved by the dean, with the same procedure followed for amendments.