

PhD Program Curriculum Map

General Required Courses (18)

Take 2 chemistry course with course code starting with "CMD": 6 credits

Take Seminar courses for 4 semesters: 8 credits

Take Seminar on Contemporary Chemistry for 4 semesters: 4 credits

Qualification Examination

Pass the doctoral candidacy exam three times before the expiration of the study period.

Foreign language proficiency

Doctoral students should choose one of the following methods before the dissertation oral examination:

- (1) TOEFL iBT score of 79 or above.
- (2) Publish at least 3 papers.
- (3) The total number of SCI points for published papers is more than 6 points.

Paper publication

Candidates must publish at least two papers in SCI, SSCI, or EI journals as the first author (excluding the advisor), with at least one paper published in an international journal. It has also been published in new journals of six traditional academic publishing organizations including the American Chemical Society (ACS), Royal Society of Chemistry (RSC), Wiley, Elsevier, Springer and Taylor & Francis. It has not been included in the SCI database or calculated impact factor before the oral examination, can also be counted as an SCI paper.

Dissertation Oral Examination

Students who plan to take the dissertation oral examination should hold a dissertation preoral exam six months prior. Only those who have passed the assessment by the advisor and the evaluation panel (composed of 3-5 people) can proceed with the dissertation oral examination.

Completion of relevant courses in " **Academic Ethics and Research Integrity Courses** " prior to the thesis oral defense.