

**Journal publication requirement for PhD students in Department of
Chemical Engineering at National Cheng Kung University
(for the students who enroll after the Spring Semester of academic year 112)**

This regulation was approved by the Departmental Affairs Meeting in the second meeting in the academic year 113 (June 23, 2025)

1. As part of fulfillment of PhD degree, it is a prerequisite for PhD candidates in Department of Chemical Engineering (ChE) at National Cheng Kung University (NCKU) to publish papers in scientific journals, with accumulated four points and at least one two-point-counted full paper, before their graduation. After meeting these requirements, the PhD candidate can make a request for a final oral defense from both his/her advisor and Graduate Student Affairs Committee, and once his/her request is approved by his/her advisor, Graduate Student Affairs Committee, and Head of ChE, the candidate can arrange his/her final oral defense. In case of special situation, judged by Graduate Student Affairs Committee, the application will be passed to the Departmental Affairs Meeting for further discussion.
2. The Rules for counting points of a journal publication:
 - (1) The journal publication can be counted only if (a) the manuscript is submitted after the first day of the academic semester he/she enrolled for his/her PhD program (or after the first day of the academic semester he/she enrolled for his/her master's program for students admitted to the PhD program via direct entry from the master's program), and (b) the publication should include the PhD candidate's advisor, who needs to be a faculty member in ChE at NCKU, as the corresponding author.
 - (2) A full-length article is counted as two points, a short communication as one point, and a review article as one point, provided that the review paper is published in a Q1 journal. At most one review article may be counted. Whether the paper is regarded as a full-length article, short communication, or review article is referred to the Table of Contents in that specific journal.
 - (3) The criteria for a scientific journal (limited to the journals that are included in SCI Expanded journal list within two years prior to the submission date):
 - (i) The publications counted for points based on Rule (2) need to have the SCI Impact Factor of the journal ranked within 60% in its subject category (rounded to retain the single-digit percentage accuracy) at least once within the two years prior to the submission date. Otherwise, the points of the paper are halved.
 - (ii) The same counting-point rule is applied for of the submitted or accepted publications during the student's temporary suspension of schooling.
 - (4) A short communication can be counted for two points if the published journal, within two years prior to the submission date, has (a) the SCI Impact Factor ranked

within 10% in its subject category (rounded to the single-digit percentage accuracy) or (b) the Impact Factor of at least 5.0 (rounded to the first decimal place)

3. For the paper to be counted for points, the PhD student must be (a) the first author or (2) the second author while his/her advisor is both the first and the corresponding author. If the PhD student is one of the co-first authors of a publication, the points of the score of the publication should be divided by the number of co-first authors. However, this limitation does not apply if the published journal is one of the cutting-edge journals specified in the “National Cheng Kung University: Rewarding Guidelines for Publishing Papers in International Cutting-edge Journals.”
4. If there are disputes on issues, such as SCI Impact Factor, JCR ranking, author contribution, and overlap of the paper content, Graduate Student Affairs Committee will review the case. Once at least two-thirds of the committee members (exclusive of candidate’ s advisor) approve the case, the candidate can have his/her final oral defense.
5. This regulation will be enforced after being approved by the Departmental Affairs Meeting. The same procedure will be applied for future revision.