

## 測量及空間資訊學系博士班博士學位候選人資格考試實施辦法

85 年 9 月 23 日系務會議通過

95 年 3 月 20 日系務會議修訂

99 年 3 月 29 日系務會議修訂

99 年 7 月 22 日系務會議修訂

109 年 11 月 30 日系務會議修訂

112 年 4 月 10 日系務會議修訂

- 一、 本辦法係依據國立成功大學博士學位候選人資格考試實施要點訂定。
- 二、 資格考試每學期辦理一次，於開學第一週內由系辦公公告相關事宜，並受理申請。
- 三、 應考研究生必須依據公告事宜之規定於期限內提出申請。
- 四、 資格考試包含學科筆試與綜合口試兩項，必須兩項考試均達到合格分數方視為通過資格考試。
- 五、 指導教授依據應考研究生之專長與學科筆試科目向學術委員會推薦二名筆試資格考試委員(含指導教授本人)，經學術委員會三分之二委員同意後議決通過。
- 六、 應考研究生提出經指導教授認可之二門學科筆試科目，每一科目分別由一位資格考試委員命題，指導教授不得同時擔任二門學科筆試科目命題委員，學科筆試科目須經學術委員會三分之二委員同意後議決通過。學科筆試科目一經核定，即不得變更，但在學習過程中更換指導教授且變更研究方向者除外，惟仍受本辦法第十四條之限制。

七、 博士資格考學科筆試可利用下列兩種方式抵免。

(1) 該科目修課成績達該班碩博士生及格人數之前 20% (無條件捨去)，如修課人數低於五人，且須經授課教師同意，但以最高分者一人為限。

(2) 發表 SCI 或 SSCI 文章。一篇文章可申請抵免二科目，但除指導教授外，申請人須為該文章唯一第一作者或唯一通訊作者，且該篇文章不得用於博士學位考試申請。

申請人提供相關文件提送學術委員會議審議。

八、 學科筆試合格分數需達 70 分以上為門檻。

九、 指導教授依據應考研究生之專長向學術委員會推薦四名資格考試委員(含指導教授本人)，其中一位須為學術委員，若資格考試委員未包括現任學術委員，由學術委員會指定一位學術委員加入考試委員，舉行綜合口試時間以通過學科筆試日起算半年內完成為原則。

十、 應考研究生於綜合口試時，首先針對研究計畫書進行三十分鐘之簡報；內容須包含研究背景、文獻回顧、研究方法、研究進度規劃、預期成果與參考文獻等。資格考試委員依研究計畫書與學科筆試相關內容提問並進行評分。

十一、 綜合口試合格分數以所有資格考試委員之平均分數達 70 分以上，且三位以上委員之評分達 70 分以上為門檻。

十二、 通過資格考試年限以二年為原則，應考研究生必須在該年限內完成首次學科筆試。無論通過首次學科筆試與否，應考研究生因特殊事

由無法在上述年限內完成資格考試，可向學術委員會提出書面申請延緩完成資格考試(含不通過者)，經三分之二委員同意後得以延緩一年，無論任何情況的延緩申請，至多可提出三次申請。

十三、因綜合口試分數不合格而未能通過資格考試者，其合格之學科筆試分數經資格考試委員全數同意後得以保留。

十四、曾通過博士資格考之博士生因故離校而於兩年內重新入學者，在未改變研究領域時，得以承認其筆試成績，唯仍需參加綜合口試，並受第十二條之限制。

十五、研究生至多有二次機會參加資格考試，二次皆未通過時必須退學。

十六、本辦法經系務會議通過後實施，並送教務處備查，修正時亦同。

# **Implementation Regulations for the Qualifying Examination of the Ph.D. Program in Department of Geomatics**

Approved by the Departmental Affairs Meeting on September 23, 1996

Revised by the Departmental Affairs Meeting on March 20, 2006

Revised by the Departmental Affairs Meeting on March 29, 2010

Revised by the Departmental Affairs Meeting on July 22, 2010

Revised by the Departmental Affairs Meeting on November 30, 2020

Revised by the Departmental Affairs Meeting on April 10, 2023

1. These Implementation regulations are established in accordance with the guidelines for the qualifying examination of Ph.D. candidates at National Cheng Kung University.
2. The qualifying examination is held once per semester. The department will announce the relevant matters and accept applications during the first week of the semester.
3. Graduate students who wish to take the examination must submit their applications within the specified deadline according to the announced regulations.
4. The qualifying examination consists of a written examination in the subject area and an oral comprehensive examination. Candidates must pass both examinations with satisfactory scores to be considered as having passed the qualifying examination.
5. The advisor recommends two examination committee members (including the advisor) for the written examination based on the expertise and subject areas of the candidates. The recommendation must be approved by two-thirds of the members of the academic committee.
6. The candidate must propose two subject areas for the written examination, which must be approved by the advisor. Each subject will be assigned to an examination committee member for question setting. The advisor cannot serve as the question setter for both subjects. The subject areas for the written examination must be approved by two-thirds of the members of the academic committee. Once the subject areas are approved, they cannot be changed unless the candidate changes their advisor and research direction during the course of study, subject to the restrictions stated in Article 14 of these regulations.

7. The written examination for the doctoral qualification can be exempted through the following two methods:
  - (1) If the course grade of a subject is among the top 20% (rounded down, with no decimal) of the passing students in the class, or if the number of students taking the course is fewer than five, and with the consent of the instructor. However, only the student with the highest grade can use this option.
  - (2) Publishing an SCI or SSCI article. One article can be used to exempt two subjects, but the applicant must be the sole first author or sole corresponding author of the article, and the article cannot be used for the application of the doctoral degree examination. The applicant must provide relevant documents to be reviewed by the academic committee.
8. The passing score for the written examination must be at least 70 points.
9. The advisor recommends four examination committee members (including the advisor) to the academic committee based on the expertise of the candidate. One of the committee members must be an academic committee member. If the examination committee does not include a current academic committee member, the academic committee will appoint one academic committee member to join the examination committee. The comprehensive oral examination should be scheduled within six months from the date of passing the written examination.
10. During the comprehensive oral examination, the candidate will first give a 30-minute presentation on their research proposal. The presentation should include the research background, literature review, research methods, research progress plan, expected outcomes, and references. The examination committee will ask questions and evaluate the candidate based on the research proposal and relevant topics covered in the written examination.
11. The passing score for the comprehensive oral examination is an average score of 70 or above from all the examination committee members, with at least three committee members giving a score of 70 or above.

12. The maximum duration for passing the qualifying examination is two years. The candidate must complete the first written examination within this time frame. If, due to exceptional circumstances, the candidate is unable to complete the qualifying examination within the specified time, including those who did not pass, they may submit a written request to the academic committee for a one-year extension. The extension request must be approved by two-thirds of the committee members. Regardless of the circumstances, a maximum of three extension requests can be submitted.
13. Candidates who fail to pass the qualifying examination due to an insufficient score in the comprehensive oral examination may retain the qualified scores obtained in the written examination with the unanimous agreement of the examination committee members.
14. Ph.D. students who have previously passed the qualifying examination but left the school for reasons and re-enroll within two years without changing their research field may have their written examination scores recognized. However, they still need to participate in the comprehensive oral examination and are subject to the restrictions stated in Article 12.
15. Graduate students have a maximum of two opportunities to take the qualifying examination. If they fail to pass on both attempts, they must withdraw from the university.
16. These regulations shall be implemented upon approval by the Departmental Affairs Meeting and submitted to the Office of Academic Affairs for record. Any amendments shall follow the same procedure.