National Central University Graduate Institute of Astronomy Guidelines Governing Doctoral Degree Qualifying Examination and Graduation Requirements*

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第一條 本辦法依本校「博士班、碩士班研究生學位考試細則」第二條之規定訂定之。

Article 1. These Regulations are established in accordance with Article 2 of the National Central University Regulations Governing Degree Examinations for Doctoral and Master's Degree Students.

第二條 本所博士學位候選人須符合下列條件：

一、 修習並通過下列課程：觀測天文學、星球大氣與結構、恆星形成與演化、星系天文物理、大尺度結構與宇宙論。

二、 通過資格考試

（一）資格考試以口試行之，學生針對博士班期間的基礎天文知識、研究成果與未來研究計畫進行口頭報告。

（二）資格考口試委員會組成依本校「博士班、碩士班研究生學位考試細則」學位考試委員會規定辦理。

（三）學生可於每學期向本所提出口試申請，並於該學期的第 16 週之前完成。

（四）口試結果以一百分為滿分，七十分為及格，由出席委員評定分數平均決定之。但如有三分之一以上委員核定不及格者，即以不及格論。

（五）資格考以二次為限，必須在博士班入學二年內通過。因懷孕、分娩或撫育三歲以下子女，並檢具相關證明文件者得再延長年限一年

（六）未於期限內通過資格考者，應予退學。逕讀博士學位者，經所務會議同意，可轉回碩士班就讀。

Article 2. Doctoral degree candidates of the Institute must meet the following requirements:

I. Complete and pass the following courses:

- Observational Astronomy
- Stellar Atmosphere and Structure
- Stellar Formation and Evolution
- Astrophysics of Galaxies
- Large-Scale Structure and Cosmology

II. Pass the Doctoral Qualifying Examination.

(1)The qualifying examination shall be conducted orally. Students shall give an oral presentation covering fundamental astronomical knowledge acquired during their doctoral studies, research achievements, and proposed future research plans.

(2) The composition of the Qualifying Examination Committee shall comply with the provisions governing degree examination committees under the National Central University Regulations Governing Degree Examinations for Doctoral and Master's Degree Students.

(3) Students may apply to the Institute for the oral examination once each semester. The examination must be completed before the 16th week of that semester.

(4) The examination shall be graded on a scale of 100 points, with 70 points as the passing score. The final score shall be determined by the average of the scores given by the committee members in attendance. However, if one-third or more of the committee members determine that the student has failed, the result shall be deemed a failure.

(5) Students may take the qualifying examination no more than twice and must pass it within two years of admission to the doctoral program. Students who are pregnant, have given birth, or are raising a child under the age of three may be granted an additional one-

year extension upon submission of relevant supporting documents.
(6) Students who fail to pass the qualifying examination within the prescribed period shall be dismissed from the University. Students admitted directly to the doctoral program may, with the approval of the Institute Affairs Meeting, transfer back to the master's program.

第三條 學位考試

一、 博士學位考試以口試行之。口試前在本所之研究成果，至少需有兩篇論文在本所認可的期刊發表或接受，其中至少一篇須為第一作者。

二、 必須通過博士學位論文口試及提交論文。

Article 3 Degree Examination

I. The doctoral degree examination is conducted orally. Prior to the oral examination, at least two research papers must be published or accepted in journals recognized by the institute, with at least one paper authored by the applicant as the first author.

II. Applicants must pass the doctoral dissertation oral examination and submit their dissertation.

第四條 本辦法如有未盡事宜，依教育部及本校有關規定辦理。

Article 4 Any matters not covered in this regulation shall be handled in accordance with the relevant regulations of the Ministry of Education and the university.

第五條 本辦法經所務會議通過，並送教務會議核備後實施，修正時亦同。此辦法實施前已入學學生可選擇本辦法

Article 5 This regulation shall be implemented after being approved by the Institute's affair meeting and submitted to the Academic Affairs Meeting for review. Amendments to this regulation will follow the same procedure. Students enrolled before the implementation of this regulation may choose to follow this regulation.

***These guidelines have been translated from Chinese. In the event of discrepancies between the Chinese and English versions, the Chinese version shall prevail.**