

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

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- Article 1     These guidelines are provided in accordance with the *National Central University Rules Governing the Master's and Doctoral Degree Qualifying Exam and Thesis Defense Article 2*.
- Article 2     Doctoral students are eligible for Doctor of Philosophy candidacy after they satisfy the following requirements:
- I.            Students are expected to take and pass the following courses:  
Observational Astronomy, Stellar Atmosphere and Structure,  
Astrophysics of Galaxies, Stellar Formation and Evolution, Large-Scale Structure and Cosmology.
  - II.          Doctoral degree qualifying examination
    - (1)    A qualifying examination shall be held within the last 10 days of May each year. The director of the Institute will appoint a coordinator, who shall invite three to five faculty members to take care of the examination. The result of the examination shall be announced within two weeks after the examination.
    - (2)    The qualifying examination is a written examination, which includes two papers, Stellar Astrophysics and Galactic and Extragalactic Astrophysics. Each paper can be passed individually.
    - (3)    The qualifying examination must be passed within two academic years after the student's enrollment in the doctoral program. Each paper allows two attempts. The result and number of attempts shall also be recognized even if the student took the examination during a period of leave of absence. Those who fail the examination shall be asked

to withdraw from the University. For students admitted in Spring semester, the deadline can be extended to within two and a half academic years to pass.

- (4) Master's students of this Institute are allowed to take the qualifying examination. For those who pass the examination, their result shall be kept for four years.

Article 3 Doctoral degree graduation requirements

- I. Prior to the oral defense of the doctoral dissertation, at least two papers from the result of the research conducted in this Institute shall be published in or accepted by SCI journals. The student must be the lead author of at least one of them.
- II. The student must submit a doctoral dissertation and pass the oral defense of the dissertation.

Article 4 Matters not covered by these guidelines shall be conducted in accordance with relevant rules and regulations by the Ministry of Education and the University.

Article 6 These guidelines shall be implemented and entered into force upon approval by a Meeting of the Institute Affairs Committee and appraisal and ratification by a meeting of the Academic Affairs Committee. The same procedure applies to any amendment of these guidelines.

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