

## Implementation Regulations for the PhD Candidate Qualification Examination of the Department of Physics, National Taiwan Normal University

Revised in the second departmental meeting of the 2004 academic year, January 24, 2005 Revised in the first departmental meeting of the 2005 academic year, September 14, 2005 Revised in the second departmental meeting of the 2006 academic year, January 26, 2007 Revised in the third departmental meeting of the 2006 academic year, March 16, 2007 Revised in the second departmental meeting of the 2008 academic year, January 9, 2009 Revised in the first departmental meeting of the 2009 academic year, October 20, 2009 Revised in the third departmental meeting of the 2009 academic year, March 6, 2009 Revised in the third departmental meeting of the 2012 academic year, March 13, 2013 Revised in the second departmental meeting of the 2014 academic year, January, 6, 2015 Revised in the fourth departmental meeting of the 2018 academic year, June 11, 2019 Revised in the first departmental meeting of the 2019 academic year, September 24, 2019 Revised in the first departmental meeting of the 2021 academic year, October 14, 2021

1. These regulations are stipulated in accordance with the implementation directions for doctoral and master's degree examinations at National Taiwan Normal University.
2. The PhD candidate qualification examination for the Department of Physics includes a written examination and midterm research assessment with the following regulations:
  - (1) The two subjects of the written examination are quantum mechanics and classical electrodynamics.  
Those who have taken Quantum Mechanics (I and II) or Classical Electrodynamics (I and II) courses offered by the doctoral program of the Department as electives and obtained a score of at least 80 or within the top 40th percentile (inclusive) may apply for an exemption from the written examination.
  - (2) The written examination for PhD candidate qualification is held once every semester. The examination must be held within 2 weeks after the semester begins.
3. The written examination procedures for PhD candidate qualification are as follows:
  - (1) The examination committee for reviewing written examination performance (hereafter "the committee") is composed of the graduate committee and examiners; advisors also participate in the committee.
  - (2) The committee reviews examinee performance and determines whether they pass the written examination. Those who fail the examination should retake examinations for the subjects they failed.
  - (3) University graduates and undergraduates who directly enroll in the doctoral program, and other doctoral students, must pass the written examination for PhD candidate qualification within 4 semesters.
4. The procedures for the midterm research assessment are as follows:

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- (1) The student's advisor establishes a midterm research assessment committee for the student. Each committee has five members; the advisor is an ex officio member but cannot be the convener.
- (2) The committee members determine whether the student passes the midterm research.

assessment by vote.

- (3) If the student fails the midterm research assessment, another assessment should be performed.
- (4) University graduates and undergraduates who directly enroll in the doctoral program, and other doctoral students, must pass the the midterm research assessment within 6 semesters.
  5. Doctoral students who do not pass the written examination or midterm research assessment for PhD candidate qualification shall be required to withdraw from the university after the departmental chair requests the university's approval.
  6. Those who pass the qualification examination and comply with other degree-awarding regulations of PhD candidacy, thus qualifying them to be PhD candidates, are awarded a PhD candidate certificate.
  7. Regulations that have been approved or revised in a departmental meeting are submitted to the Academic Affairs Office and are afterward announced and implemented.