

# **The Guidelines of Doctoral Degree Examination in TMNDD**

A. Graduate students who meet the following requirements may apply for the Ph.D. degree examination:

1. Should be a second-year doctoral student (or above) who have registered at least 4 semesters.
2. Completion of the required courses and credits stipulated by the Institute regulations.
3. Doctoral students must first pass the qualification examination and publish SCI or SSCI papers as the only first author (or co-first author, but the order must be the first, and only one person can be used for the dissertation, and others must give up the recognition of a dissertation with Certificate of Co-Authorship), with a total impact factor of not less than 4.0 (the number of papers is unlimited, but not including newsletters, case reports, reviews, conference proceedings, proceedings or supplements), and the papers must published in the name of our institute as the primary affiliation, and the Advisor must be the corresponding author.
4. Students must pass the qualification exam first.
5. Must meet the school's English capability assessment standard before graduation. (International students are not subject to this restriction.)
6. If the Advisor leaves the school or retires before the student submits the application for the degree examination, the student must apply for a replacement advisor in accordance with the regulations. And if the published paper is used as the credits for the dissertation, it must be approved by the current Advisor and signed on the paper thesis.

B. Graduate student applying for a doctoral degree examination shall be handled in accordance with the following provisions:

1. Submit the application within the time specified in the school calendar.
2. When applying, you should fill in the application form and hand in the following documents:
  - (1) One copy of Full Academic Transcript.
  - (2) The draft of the thesis and abstract.
  - (3) Recommendation letter from the advisor.
  - (4) The file of the abstract of the oral or poster presentation at the academic symposium or the proof of submission of the paper.
  - (5) A "Plagiarism Detection for Thesis Originality" with the "Turnitin's academic integrity".
3. After the approval of the Department Chair and Dean, it should be reported to the Office of Graduate Student Affairs for compilation and verification one month before the examination.

C. The following procedures shall be followed for the degree examination.

1. Establish a Doctoral degree examination committee.
2. Apply for the Doctoral degree examination.

D. The organization of the Doctoral degree examination committee shall be in accordance with the following regulations:

1. There shall be five to nine members in the Doctoral degree examination committee, of which at least one-third (inclusive) shall be external, and one person shall be designated as the convener. The advisors shall not be the convener.
2. Members of the Doctoral degree examination shall have one of the following qualifications, in addition to the specialty in the discipline, with documented creation, exhibition or technical report in the research area of the dissertation proposed by the doctoral student.
  - (1) Professor recognized by the Ministry of Education..
  - (2) Academician or Researcher of the Academia Sinica.
  - (3) Associate Professor recognized by the Ministry of Education or Associate Researcher of the Academia Sinica with academic achievements.
  - (4) Ph.D. degree with academic achievements.
  - (5) Those who belong to a rare or special discipline with academic or professional achievements.

E. To apply for the degree examination, the following requirements should be met:

1. The examination will be scheduled after the application document has passed all procedures. The examination is taken by oral, or written examination or laboratory test in the laboratory if necessary.
2. The examination committee shall attend in person and shall not appoint others as representatives. At least two-thirds of the examination committee shall be present. At least five members of the Ph.D. degree examination committee shall be present, and one-third (inclusive) or more of the members present shall be external, otherwise the examination cannot be conducted; if the examination has been completed, its results shall not be recognized.
3. In the degree examination, grades must be evaluated, with 70 being a pass score and 100 being a perfect score and determined by the average of the scores from the members present. Those who have not been evaluated are considered to fail the examination.
4. Students who fail the degree examination and have not completed the extended study period may retake the examination in the next semester or the next academic year, and the number of retake is limited to one. Students who still fail in the retest shall be withdrawn from the Institute.
5. The committees shall evaluate the Doctoral student's dissertation based on the following significant items:
  - (1) Methodology of the research.
  - (2) Data resources.
  - (3) Text and structure of the article.
  - (4) The novelty of ideas, creativity, or inventions.
  - (5) The correlation to the expertise.
  - (6) Academic ethics.

If the dissertation is found to plagiarize or be fraudulent, it will be confirmed as unqualified by the Dissertation Evaluation Committee of Doctoral Degrees.

F. Degree examinations are held once per semester and are scheduled according to the calendar of CMU. And it should be held within the specified extended year of study.

G. If graduate students who have applied for degree examinations cannot complete the degree examination within the current semester, they should apply to withdraw the application for the degree examination before the end of the semester. If the students do not withdraw the application and do not take the examination before the deadline, they will be regarded as failing the examination once.

H. After the completion of the degree examination with the signature of the examination committee, the Institute shall submit the results of the degree examination to the office of Graduate Student Affairs for registration, but no later than January 31 of the first semester and July 31 of the following semester.

I. Those who pass the degree examination and complete the relevant graduation procedures will be awarded a degree of Doctor of Philosophy (Ph.D.).

J. If any plagiarism or falsification is found in the dissertation, creation, exhibition, written report, or technical report, the degree will be canceled, and the certificate will be traced back if confirmed.

Relatives within the third degree of kinship or significant interested persons of a graduate student cannot serve as the members of the examination committee. If found, the student's qualification will be canceled.

