

Evaluation Criteria for Doctoral Thesis of Doctor Course of Graduate School of Natural Science and Technology

(Enacted on April 1, 2020)
(Last revised on December 23, 2020)

1. Basic requirements

- i. The doctoral thesis shall have sufficient academic value and a high degree of originality to demonstrate that the degree applicant has the academic ability, competencies, and qualifications required by the diploma policy of the Doctor Course.
- ii. The doctoral thesis shall be the degree applicant's own work and shall not contain any portions that infringe upon the originality or ideas in papers or research presentations by persons other than the degree applicant.
- iii. The doctoral thesis shall be based on Related Publications that have already been published or accepted for publication. The requirements for Related Publications shall be as stipulated in the "Guide to Handling Assessment of Doctoral Theses at Doctor Course, Graduate School of Natural Science and Technology."
- iv. The doctoral thesis shall not infringe copyright, portrait rights, or any other rights attributable to persons other than the applicant.
- v. The doctoral thesis shall be based on research properly conducted in accordance with the "Regulation on Prevention of Research Misconduct".

2. Composition of thesis

The doctoral thesis shall be organized according to the following requirements.

- i. The title of thesis shall be appropriate.
- ii. The research background and objective shall be clearly described.
- iii. In accordance with the objective, the conclusion (or its alternative) shall be appropriately derived.
- iv. The references shall be cited properly in the thesis.
- v. All the contents defined above shall be included in the relevant chapters.

3. Contents

The doctoral thesis shall be evaluated from the following viewpoints. However, the Assessment Committee may decide which viewpoints shall be given particular emphasis and whether additional viewpoints are necessary.

- i. The doctoral thesis shall have sufficient academic value in the applicant's major research field. Academic value refers to a contribution to the advancement of academic research in the relevant field, such as the discovery of previously unknown phenomena or objects, the development or advancement of new analytical methods or theories, or the presentation of new academic interpretations or concepts.
- ii. The selection of the research topic and the research conducted in accordance with that topic shall be firmly grounded in previous studies and shall be of a standard that merits a certain level of recognition in the relevant academic community.
- iii. The doctoral thesis shall have a logically consistent structure and content and demonstrate a high degree of completeness.

Supplementary Provisions

These criteria shall be enforced from April 1, 2020.

Supplementary Provisions (Partial Revision of December 23, 2020)

These revised criteria shall be enforced from January 1, 2021.