

Dissertation Screening Criteria of Doctoral program, Division of Nano Life Science,
Graduate School of Frontier Science Initiative

October 15, 2020

Approved by the Representative Board of the Graduate School of Frontier Science Initiative

In accordance with the Diploma Policy of the doctoral program in Division of Nano Life Science, the following items on doctoral degree dissertation are reviewed by a principal examiner and more than four deputy examiners (a total of more than 5 examiners), and acceptance or rejection is determined based on the overall results of the review.

Dissertation Review Items

- 1 Being equipped with sufficient expertise and practical skills (including international research and communication skills) as a doctoral student in the research field. In addition acquire the ability to accurately grasp, clarify and solve problems.
- 2 The research theme is appropriate for the degree applied for.
- 3 Adopting appropriate research methods (survey, experiment, and analysis) in the doctoral dissertation research, and making specific analysis and consideration based on the results obtained.
- 4 The dissertation has unique value in the research field.
- 5 Sufficient and appropriate structure/description of the dissertation with consistent discussion leading to a conclusion.
- 6 As for the main content of the Dissertation, one or more papers written by the applicant during the course of the doctoral program must have been published or decided to be published in a peer-reviewed academic journal (in English) as the first author, in principle. (Papers written in Japanese are not acceptable.)

These criterion apply to students entering in the academic year 2020 and thereafter.

【Reference: Diploma Policy (DP)】

In the doctoral program, students are required to acquire the following skills through classes and various research activities in the field of nano life science. Doctoral degree (Nanoscience) will be awarded to students who are enrolled in the program for a predetermined period of time, have earned the required number of credits, and have passed the doctoral dissertation screening and final examination.

- 1 Ability to conduct holistic research in nano life science based on one's own inquisitive mind, interests and concerns
- 2 Ability to complete research by integrating one's own research field with other fields
- 3 Ability to explore unexplored interdisciplinary areas and new fields
- 4 Presentation skills, multilingual communication skills and paper writing skills related to the most cutting-edge research