

## **Degree examination criteria, etc.**

### **Master's Course**

Respective examination members make an overall evaluation about (i) the details of the master's thesis, special thematic research or thematic research, (ii) presentation, and (iii) Q&A. Each of these three items is graded on a score of 100. The master's thesis, etc. is deemed to have passed the examination if respective examination members give an evaluation score of 60 points or higher for all of the master's thesis (special thematic research report or thematic research report), presentation, and Q&A. Specifically, the examination checks the following items.

#### Items checked in the master's thesis examination

- Students fully understand the research background and objectives.
- Students have a well-organized knowledge base about the research project.
- Students have closely examined the research plans and research methods.
- Experiment data and theoretical calculation results have been properly organized and analyzed.
- Students have reached a conclusion through a logical process based on obtained results; students have logically developed hypotheses.
- References are appropriate.
- The thesis and oral presentation are organized logically and clearly.

#### Items checked in the special thematic research examination

- Students fully understand the research background and objectives.
- Students have a well-organized knowledge base about the research project.
- Students have closely examined the research plans and research methods.
- Experiment data and theoretical calculation results have been properly organized and analyzed.
- Students have reached a conclusion through a logical process based on obtained results; students have logically developed hypotheses.
- The future development vision is clear and reasonable.
- References are appropriate.
- The thesis and oral presentation are organized logically and clearly.

#### Items checked in the thematic research examination

- Students fully understand the research background and objectives.
- Students have a well-organized knowledge base about the research project.
- Students have closely examined the research plans and research methods.
- (i) Experiment data and (ii) theoretical calculation or investigation results have been properly organized and analyzed.
- The future vision is described appropriately.
- References are appropriate.

- The thesis and oral presentation are organized logically and clearly.

*Master's Thesis, etc. Examination Procedures and A Guide to Preparing a Master's Thesis, Special Thematic Research Report, or Thematic Research Report* and forms (e.g., application forms for thesis examination) are available on the graduate school website.

### **Doctoral Course**

In the midterm examination that is indicated in the Doctoral Course completion requirements, supervisors evaluate the achievement levels in the following aspects:

- (1) Competence and deep knowledge required for highly creative researchers
- (2) Abilities to promote, integrate, and develop research activities
- (3) Abilities to deliver presentations
- (4) International attitude (including linguistic proficiency) and communication abilities
- (5) Abilities to manage research activities

The doctoral thesis examination covers (i) details of the doctoral thesis, (ii) students' attitude to science, and (iii) logic of approaches, in addition to the seven items to be checked in the master's thesis examination.

- Students fully understand the research background and objectives.
- Students have a well-organized knowledge base about the research project.
- Students have closely examined the research plans and research methods.
- Experiment data and theoretical calculation results have been properly organized and analyzed.
- Students have reached the conclusion through a logical process based on obtained results; students have logically developed hypotheses.
- References are appropriate.
- The thesis and oral presentation are organized logically and clearly.

*A Guide to Preparing a Doctoral Thesis* is available on the graduate school website.