National Taiwan Normal University

Graduate Institute of Environmental Education

Doctoral Program Guidelines

Comparison of Amendments to Articles 4, 8, 9, 10, and 11

Amended Provision	Previous Provision	Explanation
Article 4 Doctoral students must complete at least 22 credits to graduate. Students may apply to enroll in the teacher education program only after passing the doctoral qualifying examination.	Article 4 Doctoral students must complete at least 22 credits to graduate.	To strengthen the doctoral program's academic research orientation.
Article 8 Doctoral students must submit a doctoral course plan before the end of the first semester's add/drop period and present their dissertation proposal within the Institute by the end of their second semester. They must apply for the doctoral qualifying examination in their fourth semester after admission. Students who do not pass may take a make-up examination the following semester. Students who fail the make-up examination will be dismissed. Students must complete their dissertation proposal oral examination by the end of the semester following the semester in which they pass the doctoral qualifying examination. Students may apply for the doctoral qualifying examination only after completing the internal dissertation proposal presentation. They may apply for the doctoral dissertation proposal oral examination only after passing the doctoral qualifying examination. They may apply for the doctoral degree examination only after passing the doctoral dissertation proposal oral examination. Separate rules govern the doctoral qualifying examination and the doctoral dissertation proposal oral examination.	Article 8 By the end of their second semester after admission, doctoral students must submit their dissertation proposal for an internal oral examination. The Institute will arrange a public presentation and review. Students who do not pass must attend the next internal dissertation proposal oral examination. Only doctoral students who pass the internal dissertation proposal oral examination may apply for the doctoral candidacy qualifying examination. Students may apply for the doctoral candidate dissertation proposal oral examination after passing the doctoral candidacy qualifying examination. They may apply for the doctoral degree examination after passing the doctoral candidate dissertation proposal oral examination. Separate rules govern the doctoral candidacy qualifying examination and the doctoral dissertation proposal oral examination.	To standardize the doctoral program's course of study.
Amended Provision	**Previous Provision**	**Explanation**
Article 9 The doctoral qualifying examination covers "Foundational Knowledge" and "Research Development."	Article 9 The doctoral candidacy qualifying examination covers "Specialized Knowledge of Environmental Education and Research Methods" and "Specialized Knowledge in the Candidate’s Research Area."	To strengthen doctoral students' scholarly publication skills.

Amended Provision	Previous Provision	Explanation
	"Specialized Knowledge of Environmental Education and Research Methods" is a required examination subject. Before applying for the doctoral candidacy qualifying examination, doctoral students may obtain an exemption from "Specialized Knowledge in the Candidate’s Research Area" if, while enrolled at the Institute, they have published one scholarly work as first author or corresponding author in one of the following journals: Journals indexed in SCI, SCIE, SSCI, EI, or TSSCI. Canadian Journal of Environmental Education (CJEE) Australian Journal of Environmental Education (AJEE) Applied Environmental Education and Communication International Research in Geographical and Environmental Education Journal of Science and Technology Policy Journal of Interpretation Research Environmental Communication Journal of Environmental Education Research	

Amended Provision	Previous Provision	Explanation
Article 10 Doctoral students must pass the degree examination and publish at least two scholarly works during their enrollment in order to graduate. These works must be published as first author or corresponding author in the journals listed in Appendix Table 1. At least one work must appear in a Category A journal. The degree examination is conducted in accordance with the University's Guidelines for the Administration of Doctoral and Master's Degree Examinations. All participants (the doctoral student, dissertation advisor, and oral examination committee members) must attend at the same time and in the same physical space. Appendix Table 1. Category A and B journals under Article 10 Category A. Journals indexed in SCI, SSCI, A&HCI, EI, or TSSCI.	Article 10 To graduate, doctoral students must pass the degree examination and publish at least two scholarly works during their enrollment as first author or corresponding author in journals listed in Article 9. At least one work must appear in a journal indexed in SCI, SSCI, or TSSCI. Separate procedures for administering the degree examination shall be established in accordance with the relevant regulations.	To standardize the doctoral program's course of study.

Amended Provision	Previous Provision	Explanation
Category B. Canadian Journal of Environmental Education (CJEE) Australian Journal of Environmental Education (AJEE) Applied Environmental Education and Communication International Research in Geographical and Environmental Education Journal of Science and Technology Policy Journal of Interpretation Research Environmental Communication Journal of Environmental Education Research		
Article 11 Applicants must submit the following documents with their degree examination application. Applications missing any required document will not be accepted. 1. Proof that the student has met the Institute's foreign-language graduation proficiency requirement. 2. A dissertation originality report from the online plagiarism detection system. The similarity score, after excluding the student's own previously published works, references, and direct quotations, must not exceed 15%. 3. A signed undertaking for the dissertation examination application. 4. Evidence of publication meeting the requirements of Article 10, including proof of acceptance for publication from the journal.	Article 11 Applicants must submit the following with their degree examination application: 1. A dissertation originality report from the online plagiarism detection system. The similarity score, after excluding references and direct quotations, must not exceed 15%. 2. A signed undertaking for the dissertation examination application. 3. Evidence of publication meeting the requirements of Article 10, including proof of acceptance for publication from the journal.	To strengthen doctoral students' international research capabilities.

National Taiwan Normal University

Graduate Institute of Environmental Education

Doctoral Program Guidelines

Adoption and Amendment History

Adopted at the 3rd Institute Affairs Meeting of Academic Year 95 (ROC) on March 5, 2007.

Amended and approved at the 6th Institute Affairs Meeting of Academic Year 96 (ROC) on May 5, 2008.

Amended and approved at the 6th Institute Affairs Meeting of Academic Year 97 (ROC) on May 18, 2009.

Amended and approved at the 8th Institute Affairs Meeting of Academic Year 99 (ROC) on June 9, 2011.

Amended and approved at the 8th Institute Affairs Meeting of Academic Year 100 (ROC) on May 12, 2012.

Amended and approved at the 1st Institute Affairs Meeting of Academic Year 102 (ROC) on September 9, 2013.

Amended and approved at the 7th Institute Affairs Meeting of Academic Year 103 (ROC) on May 26, 2014.

Amended and approved at the 1st Institute Affairs Meeting of Academic Year 105 (ROC) on August 16, 2016.

Amended and approved at the 2nd Institute Affairs Meeting of Academic Year 105 (ROC) on October 29, 2016.

Amended and approved at the 3rd Institute Affairs Meeting of Academic Year 106 (ROC) on January 8, 2018.

Applicability of this amendment: all doctoral students enrolled at the Institute in Academic Year 107 (ROC) and thereafter.

Amended and approved at the 6th Institute Affairs Meeting of Academic Year 106 (ROC) on June 24, 2018.

Applicability of this amendment: doctoral students admitted in Academic Year 107 (ROC) or later.

Amended and approved at the 10th Institute Affairs Meeting of Academic Year 107 (ROC) on May 6, 2019.

Article 1

These Guidelines are established under the relevant rules to govern doctoral studies at the Institute.

Article 2

Within one month of admission (by October 31 or March 31), doctoral students must complete the online academic research ethics course and pass its assessment before they may formally begin writing their dissertation.

Article 3

Doctoral students must complete 4 required credits:

Seminar (I): 1 credit.

Seminar (II): 1 credit.

Seminar (III): 1 credit.

Seminar (IV): 1 credit.

Doctoral electives are grouped into three areas. The minimum elective credits for each area are:

Environment: 6 credits.

Education: 6 credits.

Research: 6 credits.

Total elective credits required: 18.

Article 4

Doctoral students must complete at least 22 credits to graduate.

Students may apply to enroll in the teacher education program only after passing the doctoral qualifying examination.

Article 5

Application for selection of a dissertation advisor:

1. Doctoral students must submit the Application for Selection of a Dissertation Advisor by the end of their second semester after admission. At least one advisor must be a full-time faculty member of the Institute at the rank of associate professor or above. If needed, one additional full-time or part-time faculty member from the Institute, or a faculty member from another department or university, may serve as co-advisor.

2. If a change of advisor is necessary for exceptional reasons, both the outgoing and incoming advisors must sign their consent. The signed consent must be submitted to the Institute Director for the record. If necessary, the Director may convene an Institute Affairs Meeting to help resolve the matter.

Article 7

The minimum and maximum credit loads per semester for doctoral students are governed by the Academic Regulations of National Taiwan Normal University.

Article 8

Doctoral students must submit a doctoral course plan before the end of the first semester's add/drop period and present their dissertation proposal within the Institute by the end of their second semester. They must apply for the doctoral qualifying examination in their fourth semester after admission. Students who do not pass may take a make-up examination the following semester. Students who fail the make-up examination will be dismissed. Students must complete their dissertation proposal oral examination by the end of the semester following the semester in which they pass the doctoral qualifying examination.

Students may apply for the doctoral qualifying examination only after completing the internal dissertation proposal presentation. They may apply for the doctoral dissertation proposal oral examination only after passing the doctoral qualifying examination. They may apply for the doctoral degree examination only after passing the doctoral dissertation proposal oral examination.

Separate rules govern the doctoral qualifying examination and the doctoral dissertation proposal oral examination.

Article 9

The doctoral qualifying examination covers "Foundational Knowledge" and "Research Development."

Article 10

Doctoral students must pass the degree examination and publish at least two scholarly works during their enrollment in order to graduate. These works must be published as first author or corresponding author in the journals listed in Appendix Table 1. At least one work must appear in a Category A journal.

The degree examination is conducted in accordance with the University's Guidelines for the Administration of Doctoral and Master's Degree Examinations. All participants (the doctoral student, dissertation advisor, and oral examination committee members) must meet at the same time and location.

Article 11

Applicants must submit the following documents with their degree examination application. Applications missing any required document will not be accepted.

1. Proof that the student has met the Institute's foreign-language graduation proficiency requirement.

2. A dissertation originality report from the online plagiarism detection system. The similarity score, after excluding the student's own previously published works, references, and direct quotations, must not exceed

15%.

3. A signed undertaking for the dissertation examination application.

4. Evidence of publication meeting the requirements of Article 10, including proof of acceptance for publication from the journal.

Items 1, 2, and 3 apply to doctoral candidates applying for the degree examination from the first semester of Academic Year 105 (ROC) onward.

Item 4 applies to doctoral students who pass the doctoral qualifying examination after the first semester of Academic Year 105 (ROC).

Article 12

These Guidelines take effect upon approval by the Institute Affairs Meeting. The same procedure applies to amendments.

Article 13

The Institute Affairs Meeting may review and amend these Guidelines. Any amendment shall specify its scope of application and effective date.

Article 14

Matters not covered by these Guidelines shall be handled in accordance with the relevant rules of the University and the Institute.

Appendix Table 1. Category A and B Journals under Article 10

Category	Eligible Journals
A	Journals indexed in SCI, SSCI, A&HCI, EI, or TSSCI.
B	Canadian Journal of Environmental Education (CJEE) Australian Journal of Environmental Education (AJEE) Applied Environmental Education and Communication International Research in Geographical and Environmental Education Journal of Science and Technology Policy Journal of Interpretation Research Environmental Communication Journal of Environmental Education Research