

**Department of Bioenvironmental Systems Engineering Guidelines for the Implementation of
Ph.D. Candidate Qualifying Examination**

Amended by the 11th Departmental Affairs meeting on the 2nd semester of 2011 academic year on Jun. 29, 2012

(If there is any inconsistency or ambiguity between the English version and the Chinese version, the Chinese version shall prevail.)

- Article 1 These guidelines are established in accordance with article 8 of the National Taiwan University Guidelines for the Implementation of Ph.D. Candidate Qualifying Examination.
- Article 2 Ph.D. candidacy shall be inspected severely and satisfy the qualifying examination and the regulations related to the Ph.D. candidacy as stipulated by the Degree Conferral Law. Once the students satisfy all of the above conditions, they may be nominated for the Ph.D. candidacy.
- Article 3 There will be one qualifying examination every semester, and the date and application procedures are accepted from the second month of the term. Students shall apply to Graduate Committee for the qualifying examination. (Form D-02)
- Article 4 Upon receiving the application for the qualifying examination, Graduate Committee shall start operating the procedure. Furthermore, the members of Graduate Committee and the procedures are followed according to Bioenvironmental Systems Engineering Guidelines for Ph. D. Program Students .
- Article 5 Ph.D. program students shall conform to the following steps and then they will be eligible for the Ph.D. candidacy :
- I. Graduate Committee shall designate two fundamental subjects as the written examination that is related to the research fields of the students and report to the Academic and Teaching Committee for approval. The Academic and Teaching Committee will hold the written examination every semester. Students shall possess at least one related course in each fundamental field before taking the qualifying examination. If not, students shall take courses according to the following table :

Field	Subjects		
Mathematics	Engineering Mathematics	Statistics	
Physics	Hydrology	Fluid Mechanics	Soil Mechanics
Chemistry	Environmental Chemistry		
Biology	Ecology	Ecological Engineering	

II. Upon passing the written examination, Graduate Committee shall hold an oral defense. Once the students satisfy both of the above conditions, Graduate Committee shall sign a form and report to Academic and Teaching Committee for approval.(Form D-03)

Article 6 Ph.D. program students shall fulfill all of the following conditions and then they will be eligible for the Ph.D. candidacy :

- I. Having completed all the required courses for the Ph.D. degree.
- II. Having passed the Ph.D. degree candidacy's qualifying examination.
- III. Having passed the first stage of General English Proficiency Test of High-intermediate Level before applying for the qualifying examination. In addition, other foreign language proficiency tests approved by Academic and Teaching Committee are also valid. The equivalent are listed below :

Test System	Minimum Score
TOEFL ITP	503
TOEFL CBT	177
TOEFL iBT	63
IELTS	5.0
TOEIC	683

Article 7 Ph.D. program students shall apply for the qualifying examination within two years of admission and complete the Ph.D. qualifying examination within three years of admission. Students failing the Ph.D. qualifying examination shall be ordered to withdraw from the university if they fail the examination for the second time.

Article 8 Results of the qualifying examination shall be reported to the Academic Affairs Division. Ph.D. students passing the qualifying examination shall be registered as Ph.D. candidates.

Article 9 All the examination procedures shall be investigated by Academic and Teaching Committee. If there is any corrections of the thesis, Graduate Committee shall sign a form and report to Academic and Teaching Committee for approval.

Article 10 These guidelines are approved by Departmental Affairs meeting and reported to Academic Affairs Division for future implementation.