

Regulations Governing the Studies of Doctoral Program

Department of Electrical Engineering (Program B), Yuan Ze University

I. Advisor

All doctoral students are required to acquire individual dissertational advisors within the first year of their enrollment into the program from the full-time faculty members of the Department or the International Program in Electrical and Communication Engineering for Bachelor with ranking of assistant professor and beyond. Once the advisor is designated, change of advisor is strictly restricted. In the case there is a need of changing an advisor, the student should submit an application, along with a written consent from his/her current advisor, to the Department on a one-time basis. The student is also required to re-submit the research proposal to the Department for approval.

II. Study requirements

1. Required subjects

A doctoral student must take at least 8 credit hours of required subjects.

2. Selective subjects

(1) A doctoral student must take a minimum of 18 credit hours within the allowable study period, among which at least 15 credit hours must be obtained from the courses offered by the Department.

(2) Postgraduate students in the master's program leading to a doctoral degree are required to complete a minimum of 30 credit hours within the allowable study period, inclusive of the selective courses in their first year of master's program. (The number of recognizable credit hours completed in master's program will be processed according to the University's regulation.)

III. Qualifying examination

1. Examination date

Qualifying examination is held once each semester as demanded. (in April and October unless special conditions occur). Doctoral students must complete and pass the qualifying examination within the first three years of their enrollment into the program (excluding the suspension periods).

2. Examination method

The examination is on the basis of a written form. The subjects for each examination must be chosen from those being not passed.

3. Examination subjects

The students may choose arbitrary 2 of the pre-approved subjects, according to the student's research field. Please refer to "List of Qualify Examination Subjects and References for PhD program in Electrical and Communication Engineering (Program B)" for the subjects.

4. Examination passing standard

The total score for each subject is 100 points, and the passing standard is 60 points or higher. Those subjects being passed are exempted from being re-tested.

5. Provision of failing the examination

Those who have not passed the qualifying examination within the two-years period are required to additionally co-publish academic journal/conference papers with their advisors or acquire utility patents in replacement of the failed subjects prior to obtaining their doctoral degree, and the provision has to be consented by their advisors and reviewed and approved from the faculty meeting (Program B). More specific, the replacement for one subject failure requires a peer-reviewed conference paper publication, a peer-reviewed SCI/SCIE journal paper publication, or a granted utility patent; two subject failures require an additional peer-reviewed conference paper publication, a peer-reviewed SCI/SCIE journal paper publication, or a granted utility patent. The number of papers/patents is counted according to the student's ranking status in the author list of each publication excluding the advisor and co-advisor. It will be respectively deemed one paper/patent publication, one-half of a paper/patent publication, one-third of a paper/patent publication for the student status as the first, the second, and the third author; it will be deemed one-tenth of a paper/patent publication for the student status as the fourth author or after. However, there is no double counting of the deemed papers/patents for fulfilling the publication requirements for a doctoral degree.

(1) Before obtaining a doctoral degree, the doctoral students are required to meet the following publication requirements, in addition to the completion of dissertation.

The student has to co-publish at least one SCI or SCIE article with his/her advisor under the affiliation with the name of Yuan Ze University, with the status of the first author (counted after excluding the advisor and co-advisor) and derived from the dissertation. Also, the papers can be deemed after the accepting documentations are shown.

(2) The required article can be waived if the student has at least one significant patent, one publication of great value (including a leading global conference paper), one software/hardware work with the consent from his/her advisor. The works must be filed under the name of Yuan Ze University and derived from the dissertation. The waiver must be approved by the Department Faculty Meeting (Program B). The number of papers/patents is counted with the same rules imposed for provision of failing subjects detailed above.

IV. Dissertation oral defense

The standards stated herein are the necessary conditions to obtain a doctoral degree. To hold an oral defense, the student must submit the request with the advisor's recommendation.

V. Enaction and Amendment

The regulations herein will come into effect after approval by the Department Faculty Meeting. Amendment to the regulations shall follow the same procedure.