

國立中央大學
土木工程學系博士班研究生修業辦法
National Central University
Study Regulations for Postgraduate Students in the Department of Civil Engineering Doctoral Program

Passed by the Department/Graduate Institute Affairs Committee on May 22, 1990	79.05.22 系、所務會議通過
Amended by the Department Affairs Committee on December 3, 1991	80.12.03 系務會議修正通過
Amended by the Department Affairs Committee on September 1, 1992	81.09.01 系務會議修正通過
Amended by the Medium-and-Long-term Planning Committee on July 26, 1993	82.07.26 中長程規劃會議修正
Amended by the Department Affairs Committee on November 30, 1993	82.11.30 系務會議修正通過
Amended by the Department Affairs Committee on September 18, 1996	85.09.18 系務會議修正通過
Amended by the Department Affairs Committee on May 6, 1997	86.05.06 系務會議修正通過
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Amended by the Department Affairs Committee on June 21, 2002	91.06.21 系務會議修正通過
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Amended by the Department Affairs Committee on May 29, 2007	96.05.29 系務會議修正通過
Amended by the Department Affairs Committee on December 2, 2008	97.12.02 系務會議修正通過
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Approved for future reference by the Academic Affairs Committee on March 18, 2020	109.03.18 教務會議核備通過

第一條 本辦法依據校「學則」及「博士班、碩士班研究生學位考試細則」訂定之。

Article 1. These Regulations were stipulated in accordance with the "Study Regulations" and "Regulations on Degree Examinations for Postgraduate Students" of the National Central University.

第二條 指導委員會

Article 2. Steering Committee

1. 每位學生之指導委員會由學術分組專任助理教授三人以上共同組成，並由指導教授擔任召集人。

The Steering Committee of each student consists of three or more full-time assistant professors from their academic track with the doctoral advisor serving as the convener.

2. 指導教授得視需要，推薦本所聘請校內外專家與各組專任助理教授以上全體同仁共同組成指導委員會。

Where necessary, the doctoral advisor may recommend to the Graduate Institute that a Steering Committee made up of experts from within or outside of the University, and all faculty members above the grade of full-time assistant professor, be formed.

3. 學生入學後即應擬定讀書計畫，包括主輔修課程、研究、著作、語言以及進度等讀書計劃，並於入學後第一學期前交指導委員會通過後，繳交系主任(系辦公室)存查。

Upon admission, the student should formulate a study plan that encompasses their major/minor courses, research, publications, language, and progress. The study plan must be submitted to the Steering Committee in the first semester after admission for approval after which it is delivered to the head of the department (Department Office) for archiving.

4. 指導委員會每學期舉行一次，時間於規定的期限內由各學術分組自行訂定，並呈報所長。

Steering Committees are held once a semester. The timing and deadlines are to be set separately by each academic track and reported to the Director.

5. 指導委員會舉行會議時，研究生委員會得派員列席。

Steering Committee meetings may be attended by representatives of the Postgraduate Student Council.

第三條 學分(103 學年度起適用所有在學學生)

Article 3. Credits (Applicable to all enrolled students from the 2014 academic year onwards)

1. 入學後至少應修滿 24 學分，可在本系或相關系所開設之課程中選讀，但不包括專題討論、論文、外國語文，其中至少應有 12 學分為主修科目，至少 6 學分為輔修科目，由各學術分組自行規定主修科目，輔修科目由該生之指導委員會決定之。

The student must complete at least 24 credits after admission. The courses may be offered by the Department or related departments/graduate institutes but does not include the seminar, thesis, and foreign language courses. At least 12 credits should be from their major and 6 credits from their minor. Each academic track may set its required courses for majors while the required courses for minors is to be decided by the Steering Committee of that student.

2. 修習科目應包括入學前甄試工作委員會指定之必選科目，此項必選科目之學分，不能充抵前項規定內之學分數。

The courses studied should include the compulsory courses designated by the pre-admission screening committee. Credits from these compulsory courses can not count towards the above credit requirements.

3. 學生每學期課程之選定，必須經指導教授同意，否則不予承認。

The student must secure their doctoral advisor's approval for the courses they select each semester or the courses will not be recognized.

4. 逕修讀博士學位者，自轉入博士班起，其學分規定依上述規定辦理。

For direct admissions to the doctoral program, once they have transferred to the doctoral program the above regulations also apply to their credit requirements.

5. 學生通過資格考試前每學期均應修習且通過「專題討論」；不符本項規定時，須於提出學位考試前補足應修習之「專題討論」課程學分。「專題討論」課程學分不計入畢業學分。

The student should study and pass the “Seminar” course every semester until they pass the qualification exam; if they fail to satisfy this requirement then they must make up for the required “Seminar” course credits before applying for their degree examination. Credits from “Seminar” courses do not count towards graduation credits.

6. 學生通過資格考試後每學期均應修習「專題研究」課程，「專題研究」課程學分不計入畢業學分。

The “Directed Research” course should be studied by the student every semester once they pass the qualification exam. Credits from “Directed Research” do not count towards graduation credits.

7. 學生於學期中通過論文口試，於加退選或停修申請截止日前，向課程委員會申請該學期退選或停修「專題研究」，並依本校退選或停修程序辦理。核准出國期間或其他特殊情形，得向課程委員會申請該學期免修「專題討論」或「專題研究」。

If the student passed their oral thesis examination during the semester, they may apply to the Curriculum Committee to withdraw or cancel the “Directed Research” course before the deadline for course selection/withdrawal or cancellation

applications, and this shall be processed in accordance with NCU procedures on withdrawals or cancellations. If approval was granted for traveling overseas or other special circumstances, the student may apply to the Curriculum Committee to waive the study of the “Seminar” or “Directed Research” courses for that semester.

Article 4. Examination

第四條 考試

1. 資格考試

Qualification Examination

- (1). 資格考試分為基本學科考試和研究能力審查進行。

Qualification examination consists of the basic academic examination and review of research ability.

- (2). 基本學科考試以筆試進行，有關科目與舉行方式由指導委員會或各學術分組訂定之。

The basic academic examination takes the form of a written examination. The relevant subjects and examination format shall be set by the Steering Committee or each academic track.

- (3). 研究能力審查以口試和書面報告進行。書面報告應包括中英文摘要、研究背景、目的及重要性、國內外相關文獻詳細回顧及討論、研究的方法和步驟、預期完成之工作項目及具體成果。

Review of research ability shall be conducted through an oral examination and written report. The written report should include a bilingual abstract, research background, purpose and importance, detailed review and discussion of related domestic and overseas literature, research methodology and steps, planned tasks, and tangible outcomes.

- (4). 資格考試於每年寒、暑假結束前各舉行一次，由系辦公室統一辦理。

A qualification exam shall be held before the end of the winter and summer breaks each year. The exams will be organized by the Department Office.

- (5). 學生於入學一學年後，經指導教授同意得申請參加資格考試。

A student may, with the consent of their doctoral advisor, apply to take the qualification exam one academic year after admission.

- (6). 資格考試之通過與否，經指導委員會依據基學科考試成績及在學期間的表現及研究能力，綜合評估後決定之。

Whether they pass or fail the qualification exam shall be decided by the Steering Committee after a comprehensive evaluation of their basic academic examination results, their performance as a student, and research ability.

- (7). 學生未通過資格考試者，得於次學期或次學年重考，二次不通過者應即退學。

A student that failed to pass the qualification exam may retake the exam in the following semester or academic year. Those that fail a second time should withdraw immediately.

- (8). 學生應於入學後第六學期開學前通過資格考試，否則應予退學。

A student must pass the qualification exam before the start of their sixth semester from admission or be required to withdraw.

2. 學位考試

Degree Examination

- (1). 學生於通過資格考試後，應向學位考試委員會提出論文研究計劃。

A student that passed the qualification exam should submit their thesis research proposal to the Degree Examination Committee.

- (2). 學生畢業時之著作要求為：至少兩篇 EI、SCI(含 SCIE)、SSCI 或 AHCI 期刊論文，其中至少一篇為 SCI(含 SCIE)、SSCI 或 AHCI 之英文期刊論文，兩篇論文必須皆與博士論文相關，且其中至少一篇論文，除指導教授外，必須為第一作者。除上述規定外，若有特殊情況者，應提送研究生委員會認定是否符合要求。

At graduation, the student is required to have authored at least two papers published in EI, SCI (incl. SCIE), SSCI, or AHCI journals. At least one of the papers must be in an English SCI (incl. SCIE), SSCI, or AHCI journal. Both papers must be related to the student's doctoral thesis and the student must be listed as the first author (except for the doctoral advisor) for at least one of the papers. In addition to the above requirements, if special circumstances apply then the matter should be referred to the Postgraduate Student Council to determine whether the requirements are met.

- (3). 論文考試提出前應在所內舉行一次論文發表會。

A thesis presentation should be held within the Graduate Institute before applying for thesis examination.

- (4). 逕修讀博士班之論文考試，如經考試委員會評定未達到博士學位水準但符合碩士學位水準者，得改授予碩士學位。

For thesis examination of direct admissions to the doctoral program, those assessed by the Examination Committee as not meeting the standard for a doctoral degree but meeting the standard for a Master's degree, a Master's degree can be conferred instead.

- (5). 學生各階段考試結果均應向系主任報備。

The results from each stage of a student's examinations should be reported to the head of the department.

第五條 以上如有未盡事宜，依教育部及本校相關規定辦理。

Article 5. Matters not specified in these Regulations shall be processed in accordance with other relevant regulations of the MOE and NCU.

第六條 本辦法經系務會議通過，並報教務會議核備後實施，修正時亦同。

Article 6. These Regulations were passed by the Department Affairs Committee and submitted to the Academic Affairs Committee for approval before implementation. Revisions shall follow the same procedure.