

Rules for Ph.D. Exam in Ph. D. program of Electro-Optical and Materials Science of Department Electro-Optical Engineering of National Formosa University

113.04.10 光電工程系第 6 次系務會議通過

Approved by the 6nd Department committee in 2024, Department of Electro-Optical Engineering, April 10, 2024

第一條 本細則依據國立虎尾科技大學博碩士學位考核辦法訂定之。

Article 1 The rules are based on the “Regulation Governing the Evaluation of Academic Degrees for Doctors and Masters”.

第二條 博士班研究生符合下列各項規定者，得申請博士學位考試：

Article 2 Doctoral students who meet the following requirements may apply for the doctoral exam.

一、修畢畢業學分 18 學分(含)以上，並通過博士學位候選人資格考核。

1. Students have completed the graduation credits of more than 18 credits (inclusive), and passed the Ph.D. Qualification Exam.

二、修業屆滿二年之當學期起。

2. Students can apply the Ph.D. exam starting from the semester after two years of study.

三、已完成論文初稿。

3. The student has completed the first draft of the Ph.D. thesis.

四、本系博士班學生分為「學術導向」與「技術導向」兩類。

4. The doctoral students in this department are divided into two categories: "Academic-oriented" and "Technical-oriented".

五、「學術導向」：本系博士班研究生於在學期間以本系名義發表期刊論文(SCI 或 EI)至少兩篇，其中至少一篇研究生需為第一作者或排除本系指導教授後為第一作者。

5. "Academic-oriented" : Ph.D. student has published at least two journal papers (SCI or EI) in the name of the department during their studies. At least, the Ph.D. student for one journal paper (SCI or EI) must be the first author or be the first author after excluding the advisor.

六、「技術導向」：本系博士班研究生於在學期間以本校名義通過國內、外發明專利或完成其他技術成果至少二件，其中至少一件研究生需為第一發明人或排除本系指導教授後為第一發明人。

6. "Technical-oriented": Ph.D. student has passed at least two domestic or foreign invention patents or the other technical achievements in the name of the department during their studies. At least, the Ph.D. student for one patent or technical achievement must be the first author or be the first author after excluding the advisor.

七、博士班退學生重考入同一系所者、其退學前已通過的資格考科目及已發表的論文成果，若重新入學當學期離通過時間尚未滿十年，得經系(所)學術委員會專業審查通過後予以保留。

7. Ph.D. students who were dismissed and are reapplying to the same department can retain previously passed qualifying exam subjects and published research results if they are readmitted within ten years of the original approval. This is subject to review and approval by the department's academic committee.

第三條 申請博士學位初審考試，應填寫博士學位考試初審申請書(需檢附論文綱要、研究成果影本、歷年成績單、博士論文主題與專業領域相符檢核表(第二階段)、個人著作目錄及應具資格證明文件)提出申請。

Article 3 To apply for the preliminary examination of the doctoral degree, Ph.D. students should fill in the application form for the preliminary examination of the Ph.D. examination (it is necessary to attach the thesis abstract (outline), the photocopy of the research results, the transcripts of the past years, dissertation topic and corresponding field of study checklist (completing the second stage of the checklist), the publication list, and the required qualification documents).

第四條 學位考試依下列程序進行：

Article 4 The Ph.D. examination is conducted according to the following procedures:

一、提出初審申請

1. Student submits an application for preliminary review.

二、由學術委員會組成博士學位考試初審委員會，進行初審並審議其研究成果，本委員會需超過三分之二委員出席，出席委員超過二分之一之同意，該生始得進行博士學位考試。

2. The preliminary examination committee for the Ph.D. examination is composed of the academic committee. The preliminary examination committee reviews preliminary examination and student's research results. This committee requires more than two-thirds of the members to attend, and more than one-half of the present members agree before the student can take the Ph.D. exam.

三、博士論文審核之項目為確認該博士候選人為論文之主要貢獻者。研究成果審核之主要項目為該研究成果是否和博士論文有關，是否重複投稿及申請者是否為該研究成果之主要貢獻者。

3. The item of doctoral dissertation review is to confirm that the doctoral candidate is the main contributor to the dissertation. The main item of research results review is whether the research results are related to the doctoral dissertation, whether they are repeated submissions, and whether the applicant is the main contributor to the research results.

四、辦理博士學位考試。

4. Ph.D. exam is processed.

第五條 初審通過後，應依下列規定辦理：

Article 5 After the preliminary review is passed, it should be handled in accordance with the following regulations.

一、通過審查後，在口試前將論文公開展示一週。

1. After passing the preliminary examination, the thesis will be publicly displayed for a week before the

oral examination.

二、提出申請口試時，應檢附博士學位論文考試委員名冊。

2. When applying for an oral examination, a list of “Doctoral defense committee members” for the doctoral dissertation examination should be attached.

三、口試申請表經系主任同意，教務處複核無誤，轉呈校長核定。

3. The oral examination application form is approved by the department Chairman, the Academic Affairs Office, and the Principal, respectively.

第六條 組織博士學位考試委員會，應依下列規定辦理：

Article 6 The organization of a doctorate examination committee should comply with the following regulations.

一、委員五至九人(含指導教授)，其中校外委員須三分之一（含）以上，召集人由委員互相推舉產生，但指導教授不得擔任召集人。系教評委員得推薦 1~2 位委員參與。

1. There are five to nine members of the Doctoral Examination Committee (including advisors), of which more than one-third (inclusive) of external members. The convener should be elected by the committee members, but the advisor shall not be the convener. The Faculty Evaluation Committee can recommend 1~2 members to participate in the Doctoral Examination Committee

二、學位考試委員，應博士學位候選人之研究領域有專門研究外，並應具備下列資格之一：（一）現任或曾任教授、副教授（二）中央研究院院士、現任或曾任中央研究院研究員、副研究員（三）獲有博士學位，且在學術上著有成就者、（四）研究專業領域屬於稀少性或特殊性學科，且在學術或專業上著有成就者。（五）本校兼任教師得為校外委員。前項第（三）、（四）之資格認定基準，由系務會議認定

2. The expertise of the doctoral examination committee members should be related to the research field of the doctoral candidate, and should have one of the following qualifications. (1) Members of the Doctorate Examination Committee must be current or former professors or associate professors. (2) Members of the Doctorate Examination Committee must be an academician of the Academia Sinica, current or former researcher or associate researcher of the Academia Sinica. (3) Members of the Doctoral Examination Committee must have a doctorate degree and have academic achievements. (4) Members of the Doctoral Examination Committee are those who have a rare or special subject in their research field and have achieved academic or professional achievements. (5) Part-time teachers of this school may be external members. The qualification criteria of (3) and (4) of the preceding paragraph shall be recognized by the departmental committee.

三、考試委員由校長遴聘之。

3. The examination committee members are selected by the principal.

第七條 學位考試之辦理，應符合下列規定：

Article 7 The handling of Ph.D. examinations should meet the following requirements.

一、學位考試成績以七十分為及格，一百分為滿分，並以出席委員評定分數平均決定之。但有學位考試二分之一(含)以上委員評定不及格者，以不及格論。評定以一次為限。

1. The score of the Ph.D. examination is 70 points as a passing score, 100 points as a perfect score, and the average score is determined by the attending committee members. However, if more than one-half (inclusive) of the degree examination committee fails the assessment, it should be regarded as a failure. The assessment is limited to one time.

二、考試委員應親自出席委員會，不得委託他人代理，學位考試至少須委員五人出席；出席委員中須有校外委員至少三人始能舉行，不符合規定者其考試成績不予採認。

2. Examination committee members should attend the committee in person and may not appoint others to represent them. At least five members must attend the degree examination. At least three members from outside the school must be present to hold the examination. Those who do not meet the requirements will not be admitted.

三、學位考試時須提交論文原創性比對系統檢測報告(百分比部份)紙本給學位考試委員會參考。離校前，由指導教授確認論文原創性比對報告需符合本系(所)訂之標準 (排除參考文獻後不得高於 30%)。

3. During the degree examination, students must submit a printed copy of the originality report from the plagiarism detection system (including the percentage value) for the degree examination committee's reference. Before leaving the school, students must have their thesis originality report confirmed by their advisor to meet the department's standards (not exceeding 30% after excluding references).

四、畢業學生的論文主題是否符合其專業領域，須於系(所)規定時間提出博士論文主題與專業領域相符檢核表（第二階段），經系所召開學術委員會議完成審核並通過，以確保論文主題與專業領域相符。

4. Graduating students must submit the "Dissertation Topic and Corresponding Field of Study Checklist (completing the second stage of the checklist)" within the department's specified timeframe to confirm that their dissertation topic aligns with their field of study. This must be reviewed and approved by the department's academic committee to ensure that the dissertation topic matches the field of study.

五、學位考試成績不及格而其修業年限尚未屆滿者，得於次學期或次學年重考，重考以一次為限；重考成績仍不及格者，予以退學。

5. Students who have failed the degree examination and their length of study has not yet expired, may retake the exam in the next semester or the following academic year, and the re-examination is limited to one time. Students who fail to pass the re-examination of the degree examination shall be withdrawn from school.

六、學位論文，以中文撰寫為原則；前經取得他種學位之論文，不得再行提出。

6. The student's dissertation should be written in Chinese as the principle, and the dissertation that has been obtained from other kinds of degrees before should not be submitted again.

七、學位考試之舉辦期間，第一學期為十月初至一月底，第二學期為四月初至七月底。

7. During the holding period of students' degree examinations, the first semester is from early October to the end of January, and the second semester is from early April to the end of July.

八、凡與研究生有三親等內(含配偶、前配偶、姻親)之關係者，不得擔任其學位指導教授及學位考試委員。

8. Those who have a relationship of three relatives (including spouse, ex-spouse, and in-laws) with a graduate student are not allowed to serve as degree advisors and degree examination committee members.

第八條 對於已授予之學位，如發現論文、技術報告經舉證有抄襲、代寫或舞弊情事，經本校組成之審查委員會審查屬實者，撤銷其畢業資格並追繳、註銷其學位證書，其指導教授應負之責任，由教評會審議處理。前項研究生經撤銷其畢業資格並註銷其學位證書者，即使未屆滿修業年限，亦不得要求繼續修業。

Article 8 If a conferred degree is found to involve plagiarism, ghostwriting, or fraud in the thesis or technical report, and this is verified by the review committee formed by the university, the student's graduation qualification will be revoked, and their degree certificate will be confiscated and annulled. The advisor will be held responsible and subject to deliberation and handling by the faculty evaluation committee. Graduate students whose graduation qualifications have been revoked and degree certificates annulled are not allowed to continue their studies, even if they have not yet reached the maximum period of study.

第九條 本細則經系務會議通過，經核定後實施，修正時亦同。

Article 9 These rules are adopted by the departmental committee and will be implemented after verification. The amendments are also the same.