

# 臺北醫學大學心智意識與腦科學研究博士學位學程修業規定

## Degree Requirements for PhD Program in Neuroscience of Cognition and Consciousness at Taipei Medical University

108年01月25日籌備處會議新訂通過

Approved by the Preparatory Committee on Jan 25, 2019

108年02月21日院務會議新訂通過

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108年03月13日教務會議新訂通過

Approved by the Academic Affairs Committee on March 13, 2019

第一條 修業及休學年限：依本校學則規定辦理。

### Article 1 Time Limit for Graduation and Suspension from School

The period of study shall be as stipulated in the Taipei Medical University Academic Regulations.

第二條 修業學分：博士班研究生須修畢至少31學分，包括必修22學分(含博士論文12學分)及至少選修9學分。博士班研究生得選修本校其他系所博士班相關課程，須經指導教授同意依研究領域需求修習，最多採計6學分。

### Article 2 Course Requirements

Matriculated students are required to complete a minimum of 31 credits, including 22 required credits (12 credits from Thesis), and take a minimum of 9 elective credits. Students can take up to 6 elective credits from other PhD programs where approved by their advisor.

第三條 指導教授：每位博士班研究生必須於資格考試前繳交指導教授同意函。研究生如欲變更指導教授必須於學位考試前提交更換指導教授意願書，經學程會議通過後始得更換。

### Article 3 Advisor

Every PhD graduate student is obliged to submit thesis advisor

agreement before the Doctoral Qualifying Exam. Students who wish to change their advisor must submit their application before the Oral Thesis Defense.

第四條 資格考試相關規定：

Article 4 The requirements for doctoral qualifying exam:

(一) 博二(含)以上研究生修滿學程規定之必修 8 學分(含專題討論 2 學分)及選修 6 學分，經指導教授同意後方始得申請資格考試。

Students may apply to take their QE from the third semester onwards. To apply the student must have completed 8 units of Required and 6 units of Elective courses and must have the approval of their advisor.

(二) 資格考試須於博三(含)結束前提出申請，且須於博四上學期結束前完成，重考一次仍不及格者，應令退學。通過資格考後，即成為博士學位候選人。

Students must start the QE before the end of their 3rd year. The QE can be taken twice, and must be completed before the end of the first semester of their 4th year. Students who successfully complete the exam may proceed as PhD candidates. Students who fail the QE at the second attempt are dropped from the Doctoral program.

(三) 資格考試委員組成方式：The doctoral QE Committee:

1. 主任指派一名校內專任或合聘專任教師擔任召集人。應考學生指導教授不得擔任召集人。

The PNCC director assigns one full-time or adjunct faculty member within Taipei Medical University to be the Convener of the QE Committee. The Convener shall not be the student's advisor.

2. 召集人建議非應考學生指導教授之相關授課老師若干人，由主任圈選出足夠人數，組成三至五人資格考試委員會，任期一年。

The Committee will be formed of between 3 and 5 members. The PNCC director selects sufficient members from a list of faculty-level individuals provided by the Convener to form the QE Committee. At least one member of the Committee must be from outside the PNCC.

3. 口試之書面資料依據心智意識與腦科學研究博士學位學程規定格式撰寫。申請文件包括博士學位候選人資格考試申請書、歷年成績單正本、研究主題及英文摘要。

QE applications must be made according to the approved format of PNCC. The required documents are: the QE application form; the student's transcript for the semesters completed up to the point of application; and a title and abstract written in English.

- (四) 博士班研究生須於申請資格考試時指定以下列三種型式之一進行該學期之資格考試。

The requirements of the QE may be met in one of three ways.

- (1) 繳交書面報告：博士班研究生須撰寫文獻回顧型式書面報告，內容須與該生研究主題相關並充份解釋其研究背景。書面報告須以英文撰寫。博士班研究生須向資格考試委員會繳交書面報告，資格考試委員將依照書面報告的背景陳述與其科學貢獻進行審核。資格考試成績由所有資格考試委員之平均分數決定之，平均評分超過(或等於)七十分方為及格。

The student may submit a written report.

The written report should be in the form of a review of the literature pertinent to the student's proposed research and an explanation of the research program to be followed based on the provided background. The report should be written in English. The written report shall be given to the QE Committee who will each return a mark based on (1) the quality of the

literature review and (2) the scientific rigour of the proposed research. An average score of those given by all Committee members will be used. An average score of  $\geq 70\%$  will be deemed a pass for the QE exam

- (2) 進行口頭報告：博士班研究生須針對研究背景與其研究主題進行為時 45 分鐘之口頭報告。資格考試委員將於口試過程中向博士班研究生提問質詢。資格考試委員將針對博士班研究生口頭報告的背景陳述與科學貢獻進行審核。資格考試成績由所有資格考試委員之平均分數決定之，平均評分超過(或等於)七十分方為及格。

The student may undertake an oral examination.

The oral examination will consist of a 45 minutes presentation in which the student presents the background to their proposed research and an overview of the proposed research project. The QE Committee will then be permitted to ask questions of the student. The QE Committee will give a score for the presentation based on (1) the quality of the presented background for the project and (2) the scientific rigour of the proposed research. An average score of those given by all Committee members will be used. An average score of  $\geq 70\%$  will be deemed a pass for the QE exam.

- (3) 提交一篇發表於具備專家審查機制之期刊論文：博士班研究生須提交一篇確定會刊登於研究期刊之原創性論文，且該研究生與其指導教授皆需為重要作者。發表之論文需與博士班研究生之博士論文研究主題相關。發表之論文僅可為‘已刊登’或‘被接受’狀態；博士班研究生可向資格考試委員會提交論文之電子檔以及接受函電子郵件。所有資格考試委員將針對提交論文之科學價值評估該研究生是否通過資格考試，有二分之一以上委員評定為及格，

即通過資格考試。

The student may submit a paper published in a peer-reviewed journal. The student should indicate at the time of application for their QE in which manner they will seek to fulfill the requirements.

Papers submitted in fulfillment of the QE requirements should be original research papers where the student is the primary author and their advisor the senior author. The subject matter of the paper should be relevant to the topic being investigated in the student's doctoral work. The paper should be published or be accepted for publication. An electronic version of the paper or of the letter of acceptance should be provided to the Committee. All members of the Committee must give their assent that the submitted paper meets the requirements for consideration and that the paper is of sufficient scientific quality to represent a pass for the QE exam.

#### 第五條 學位考試：

##### Article 5 Oral Thesis Defense (OTD)

- (一) 由主任與兩位專任教師組成初審委員會進行論文審核，通過後始得申請博士學位考試。

The PNCC Director will form a Dissertation Initial Review Committee to review the dissertation. This Committee will be composed of the Director plus two PNCC faculty members. Students can apply for the Doctoral Degree Examination after passing the review.

- (二) 研究生應經指導教授核定後，依本校行事曆規定時間內提出學位考試申請並檢附論文初稿及摘要。

Students may submit their thesis draft to the PNCC Director when

given approval to do so by their advisor. Submission of the thesis abstract and draft should be done in accordance to the University Calendar.

- (三) 博士學位考試委員五至九人，其中校外委員以三分之一以上，且指導教授及共同指導教授之外委員應過半，由指導教授建議名單，呈院長圈選並指定一人為召集人，指導教授及共同指導教授不得擔任召集人。

The Oral Thesis Defense Committee consists of five to nine members. Non-TMU faculty shall be more than one third of committee. The Advisor and co-Advisors cannot form more than half of the committee. Potential members of the Committee are recommended by the student's Advisor, then elected by the Dean of the College. The Dean also elects one member to be Convener. Advisor and co-Advisors cannot be the Convener of the OTD Committee.

- (四) 學位考試成績，以出席委員無記名投票之平均分數決定之；投票以一次為限。評分超過(或等於)七十分方為及格，博士學位考試有三分之一以上委員評定為不及格者，即以不及格論。

An average score of those given anonymously by the OTD Committee members will be used. Scores will be given by the committee once only. Students with an average score  $\geq 70\%$  will be permitted to submit their thesis pending approval of the revisions required by the committee. Where more than a third of the committee give a score lower than 70% the student will not be permitted to submit their thesis at this point.

- (五) 考試通過後，研究生需彙整委員意見及修改論文。博士論文經修改後必須取得出席委員審查核可；研究生需依本校學位考試審查流程及畢業離校程序辦理得予核發學位證書。

Students who have passed the OTD are obliged to submit all certificate documents to PNCC and revise their Thesis in accordance with the suggestions of the OTD Committee. Revisions must be approved by all members of the original committee. The student should then submit the final, approved version of their Thesis to TMU, and complete administrative procedures according to University regulations, for Master's degree certification.

第六條 其他未盡事宜，悉依教育部與本校相關規定辦理。

Article 6 Regulations not mentioned here should be handled according to regulations of Ministry of Education and TMU.

第七條 本規定經教務會議通過，報請校長核定公告後施行；修正時亦同。

Article 7 This guideline has been implemented after being passed at the Institute Affairs Meeting, College Affairs Meeting, and Academic Affairs Meeting, and after approval by the principal. The same conditions apply in the event of amendments.