

臺北醫學大學神經醫學博士學位學程修業規定

100年4月22日院務會議新訂通過
100年5月5日教務會議新訂通過
101年3月22日學程會議修訂通過
101年3月28日院務會議修訂通過
101年5月17日教務會議修訂通過
101年9月12日學程會議修訂通過
101年12月28日院務會議修訂通過
102年1月10日教務會議修訂通過
102年7月11日學程會議修訂通過
102年7月22日院務會議修訂通過
102年7月26日教務會議修訂通過
103年3月5日學程會議修訂通過
103年3月26日院務會議修訂通過
103年3月27日教務會議修訂通過
104年7月22日學程會議修訂通過
104年7月28日院務會議修訂通過
104年9月17日教務會議修訂通過
106年10月25日學程會議修訂通過
106年10月27日院務會議修訂通過
106年12月7日教務會議修訂通過
111年3月25日學程會議修訂通過
111年3月30日院務會議修訂通過
111年5月18日教務會議修訂通過

第一條 修業及休學年限：依本校學則規定辦理。

第二條 修業學分

須修畢至少30學分，包括必修26學分(含博士論文12學分)及至少選修4學分。

學分修習以第一、二年為原則，修滿方得參加資格考試。逕修讀博士學位研究生須修畢至少42學分，含碩士班所修學分及博士論文12學分。

第三條 指導教授

- 一、學生得於本校及國家衛生院任一方選擇指導教授，並與指導教授討論於另一方選擇共同指導教授，研究主題由指導教授決定。
- 二、指導教授應於第二學年下學期結束前選定，並簽署「指導教授同意書」，確認教授與學生間的權利與義務。
- 三、更換指導教授或共同指導教授前，須先與指導教授充份溝通，並填寫「指導教授變更書」。

第四條 實驗室實習(Lab Rotation)

- 一、學生須參加本學程專任教師實驗室實習乙次，每次以三個月共96小時為原則，若因特殊狀況實習不滿三個月，教師得依學生表現狀況彈性調整時間

長度，每週實習時間由教師與學生協調。

二、學生於實驗室實習開始前兩週繳交實習同意書，並於實習完成兩週內將實習評量表回傳至學程辦公室。

第五條 論文輔導委員會

一、研究生應於第二學年下學期結束前選定指導教授，並由指導教授組成論文輔導委員會，此委員會置委員三至五人(含指導教授)，並由學位學程主任指定委員一人擔任召集人(指導教授不得擔任召集人)。

二、通過資格考後，應向論文輔導委員會提出博士論文研究計畫，在博士學位考前需提出至少二次進度報告，每次時間間隔不得少於半年，第二次報告後至少半年才能提出學位考試申請。

三、論文輔導委員會須於每學年進度報告後，將相關意見彙整交予本學位學程；學位學程主任組成之博士生研究進度審核委員會予以審核後，將審核意見彙整交予研究生及指導教授，並給予適度之輔導。

四、如有更換指導老師情形，須於一年內組成新的論文輔導委員會。

五、論文輔導委員會須進行學生學位論文專業領域審查。

第六條 資格考相關規定

一、成立跨校博士資格考試召集委員會，綜理考試委員相關事宜，委員會置委員三人至五人。學程主任為當然委員，其他委員由國家衛生研究院及學程各推薦至少一名組成，並推舉一人為召集人。

二、博士資格考試委員會之組成：由跨校博士資格考試召集委員會依據考生論文研究主題推薦助研究員或助理教授以上之五位具相關專長之老師為資格考試委員，並推舉一人擔任召集人，其中至少一位為學程內專任老師，至少一位為非學程內老師。

(一)考試委員不得含該生之論文指導教授。

(二)考試委員須簽訂保密合約。

(三)指導教授可提出迴避名單並敘述其具體原因。

三、考試資格：修滿學位學程規定之必修及選修至少18 學分(逕修讀博士學

位研究生須修畢至少30 學分)後，得申請資格考試。

四、應繳資料：

(一)資格考核申請表(含指導教授簽名)乙份。

(二)博士論文相關之計畫書(含進行中之研究成果)乙份。

五、資格考核方式：撰寫並答辯研究計劃，考試共分為三階段。

第一階段：

考生需繳交一頁博士論文相關之英文研究計劃題目及大綱，由博士資格考試委員會審核。研究計劃需邏輯清晰具體可行。博士資格考試委員會於二周內審核認定通過第一階段，由召集人通知考生二個月內進行口試。

第二階段：

考生依據第一階段繳交的研究計畫題目及大綱，並參考學程內所提供的參考範例寫成完整之研究計劃，於口試前一週繳交給博士資格考試委員會，並確定考試時間及地點。

第三階段：口試。

口試時考生以英文講演，限以中文、英文答辯研究計劃，口試範圍並不侷限於研究計劃本身。資格考口試須三分之二以上委員同意，總成績達七十分以上始通過博士學位資格考試，即為博士學位候選人。不通過者，應於三個月至六個月內，根據考試委員的決議修改研究計劃重考口試。重新考核以一次為限，仍不及格者，應予退學。

六、如有特殊原因可申請延期考試，但須在三年級上學期結束前完成第一次資格考。倘學生未能於三年級上學期結束前完成第一次資格考，將通知導師與指導教授進行輔導，必要時召開學生輔導委員會進行討論。

第七條 博士班研究生paper發表於SCI期刊之相關規定

一、 博士論文初審之申請資格：

(一)以第一作者之著作，發表至少包含2 篇SCI1000名以內(如1000名以外，必須是論文歸類該類別之前50%)且所有篇數所得總商數 $IF \geq 6.0$ 者，或者以第一作者之著作有1 篇Impact Factor ≥ 5 者，方可提出申請。

(二)論文若具同等貢獻，其計分方式如下:

1. 有2位作者相同貢獻，相同貢獻作者均以90%計分，如發表於 $IF \geq 6$ 或排名 $\leq 10.00\%$ 之期刊論文以100%計分。
2. 有3~4 位作者相同貢獻，相同貢獻作者均以60%計分，如發表於 $IF \geq 10$ 之期刊論文以100%計分。
3. 有5位及以上作者相同貢獻，相同貢獻作者均以30%計分，如發表於 $IF \geq 20$ 之期刊論文以100%計分。

(三)如遇特殊狀況(如指導教授遭逢重大病故或藉故延遲研究生論文投稿發表等)，可提出具體證明送學位學程會議通過，經院務會議審核決議。

二、研究生發表之paper須以神經再生醫學博士學位學程(Ph.D. Program for Neural Regenerative Medicine, College of Medical Science and Technology, Taipei Medical University and National Health Research Institutes 或 Ph.D. Program for Neural Regenerative Medicine, College of Medical Science and Technology, Taipei Medical University)之名義發表，始得以計算。111學年度起，研究生發表之paper須以神經醫學博士學位學程(Ph.D. Program in Medical Neuroscience, College of Medical Science and Technology, Taipei Medical University and National Health Research Institutes 或 Ph.D. Program in Medical Neuroscience, College of Medical Science and Technology, Taipei Medical University)之名義發表，始得以計算。

三、研究生發表paper之通訊作者須為指導教授或共同指導教授。

四、著作內容必須具基礎內涵及連貫性，且須與博士論文內容相符合。

第八條 博士論文初審

一、繳交資料：

(一)修業成績證明。

(二)SCI paper抽印本或接受函。

(三)博士論文初稿。

二、由學位學程主任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。

第九條 博士學位考試：

一、博士學位考試委員由指導教授推薦五至九名為委員，經學位學程主任同意後，送請院長圈選，其中校外委員須有三分之一以上，且指導教授不得為召集人，評分達七十分方為通過。

二、博士學位考試通過，彙整委員意見及修改論文後，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。

第十條 其餘未盡事宜，悉依教育部與本校相關規定辦理。

第十一條 本規定經教務會議通過，報請校長核定後公告施行；修正時亦同。

Academic Regulations for the International Ph.D. Program in Medical Neuroscience, Taipei Medical University

Established and Passed in the College Affair Meeting on April 22, 2011
Established and Passed in the Academic Affair Meeting on May 5, 2011
Amended and Passed in the Program Meeting on March 22, 2012
Amended and Passed in the College Affair Meeting on March 28, 2012
Amended and Passed in the Academic Affair Meeting on May 17, 2012
Amended and Passed in the Program Meeting on September 12, 2012
Amended and Passed in the College Affair Meeting on December 28, 2012
Amended and Passed in the Academic Affair Meeting on January 10, 2013
Amended and Passed in the Program Meeting on July 11, 2013
Amended and Passed in the College Affair Meeting on July 22, 2013
Amended and Passed in the Academic Affair Meeting on July 26, 2013
Amended and Passed in the Program Meeting on March 5, 2014
Amended and Passed in the College Affair Meeting on March 26, 2014
Amended and Passed in the Academic Affair Meeting on March 27, 2014
Amended and Passed in the Program Meeting on July 22, 2015
Amended and Passed in the College Affair Meeting July 28, 2015
Amended and Passed in the Academic Affair Meeting September 17, 2015
Amended and Passed in the Program Meeting on October 25, 2017
Amended and Passed in the College Affair Meeting on October 27, 2017
Amended and Passed in the Academic Affair Meeting on December 7, 2017
Amended and Passed in the Program Meeting on March 25, 2022
Amended and Passed in the College Affair Meeting on March 30, 2022
Amended and Passed in the Academic Affair Meeting on May 18, 2022

Article 1 The duration of study and suspension: To be administered in accordance with the Taipei Medical University Academic Regulations.

Article 2 Graduation Credits:

Students in the program shall complete a minimum of 30 credits, including 26 credits of required courses (including 12 credits of Ph.D. Dissertation) and at least 4 credits of elective courses. The credits shall be completed within the first and second year of the study before taking the qualification examination. Students working for the Ph.D. degree directly, they shall complete a minimum of 42 credits, including credits of master's courses and 12 credits of Ph.D. Dissertation.

Article 3 Advisor:

- I. Students may select their advisors from either TMU or National Health Research Institute and discussed with the advisor regarding the candidate for co-advisor. The research topic shall be determined by the advisor.
- II. Students shall select their advisors before the end of the first semester in their second year and have the "Advisor Consent Form" signed to confirm the rights and duties between the professors and students.
- III. Before changing the advisor, a student shall communicate with the advisor fully in advance. The "Advisor Change Form" shall be filled and turned in for the change of advisor or co-advisor

Article 4 Lab Rotation

- I. Students shall conduct internship in rotation in the labs operated by the full-time faculty in this program. Each rotation will last for three months with the total of 96 hours. In case of special conditions, an internship is less than three months, the instructors may adjust the period flexibly in accordance with a student's performance. The weekly schedule of the internship shall be arranged through discussions between the students and instructors.
- II. Students shall hand in the internship consent form two weeks prior to the commencement of the internship. Internship evaluations shall be returned to

the program office two weeks after the completion of the internship.

Article 5 Dissertation Advising Committee

- I. Students shall select their advisors before the end of the second semester in their second year. A Doctoral Dissertation Advising Committee shall be formed by a Ph.D. student's advisor. The Committee shall be composed of three to five members (including the advisor), and a convenor shall be appointed by and from among the committee members (advisors shall not serve as the convenor).
- II. After passing the qualification examination, a student shall present a proposal for the Ph.D. dissertation. Two progress reports shall be made before the Ph.D. degree examination. The period between the submission of each progress report shall at least be six months. After presenting the second report, a student may apply for the Ph.D. degree examination.
- III. After the submission of progress report in each academic year, the Doctoral Dissertation Advising Committee shall collect and compile the comments to be submitted to the program. The Ph.D. student research progress committee shall review the comments and forward the reviewed comments to the student and advisor, who shall provide advises accordingly.
- IV. In the event of a change of advisor, a new Doctoral Dissertation Advising Committee shall be formed within a year.
- V. The Doctoral Dissertation Advising Committee shall review the disciplines regarding the student's Ph.D. dissertation.

Article 6 Regulations for Qualification Examination

- I. An intercampus Ph.D. Degree Qualification Examination Committee shall be formed to administer the matters of examination committee members. There shall be three to five members in the committee. The Program Director shall be the ex-officio member. The National Health Research Institute and the program shall recommend at least one member to form the committee. A convenor shall be elected among the members.
- II. The Formation of the Ph.D. Degree Qualification Committee: The Intercampus Ph. D. Qualification Examination Committee shall recommend five specialists at the level of assistant research fellows or assistant professor, or above specialized in the disciplines related to the research topic of the student as the members of the qualification examination committee. A convenor shall be elected among them. At least one of the members shall be the faculty in the program, and one of the members shall not be the faculty in the program.
 - (i) The candidate's advisors shall not be a member of the examination committee.
 - (ii) The examination committee members shall sign the non-disclosure agreement.
 - (iii) The advisor may submit the list of conflicted interest with explanations of the reasons.
- III. Examination Qualifications: Students are required to complete at least 18 credits of the required and selective course (of study and obtain at least 18 credits from required and elective courses to apply. Students working for the Ph.D. degree directly shall complete a minimum of 30 credits) to apply for

the examination.

IV. Required Documents:

(i) A copy of the Application Form for Ph.D. Degree Qualification Examination (including the advisor's signature).

(ii) A copy of Ph.D. dissertation proposal (including research achievements).

V. Evaluation of Qualification Examination: Written and oral examination regarding the research proposal. The examination is consisted of three phases:
Phase 1:

Students shall turn in a one-page proposal in English regarding the research topics, including the title and outlines to be reviewed by the Ph.D. Degree Qualification Examination Committee. The research proposal shall be logical and comprehensive to be workable. The Ph.D. Degree Examination Committee shall complete reviewing Phase 1 of the examination. The convener shall inform the student to conduct the oral examination within two months.

Phase 2:

A candidate shall write a complete research proposal in accordance with the proposal submitted in Phase 1, with reference to the writing guidelines provided by the program. The proposal shall be submitted to the Ph.D. Degree Examination Committee one week prior to the oral examination. The date, time, and venue of the examination will be confirmed.

Phase 3: Oral Examination

Students shall present their proposals in English. Only English and Chinese are allowed in the oral defense. The scope of the oral examination shall not be limited to the research proposal itself. Students shall pass the Ph.D. qualification examination and become a Ph.D. candidate with a total average score of at least 70 and the consent of two thirds of the committee members. Those who fail to pass the examination shall revise the research proposal according to the comments of the examination committee members within three to six months to retake the examination. Students may retake the qualification examination once. If a student fails in the retake of the qualification examination, he/she shall be withdrawn from the program.

VI. Students may apply for an extension to the examination if there are special reasons. Nevertheless, they shall complete the Phase 1 of the qualification examination before the end of the spring semester in the third year. If a student fails to complete Phase 1 of the qualification examination, his/her advisor will be informed regarding the counseling of their projects. When necessary, Student Counseling Committee Meeting will be held to discuss the matters.

Article 7 Guidelines for Ph.D. Students to Publish Papers in SCI Journals

I. Qualifications for the Application of Preliminary Review of Ph.D. Dissertations

(i) Students shall publish two papers as the first author in SCI1000 journals (if journals not included in in the top 1000 journals, the papers shall be top 50% of the papers in the same discipline) and the total impact factor (IF) of the papers shall be ≥ 6.0 . Instead, students have published 1 paper as the first author with Impact Factor ≥ 5 are eligible to apply for the

examination.

- (ii) If the papers have the same contributions, the points are calculated as follows:
 - 1. If there are 2 authors with the same contributions, 90% will be calculated for both authors. If the papers are published in journals with $IF \geq 6$ or $\leq 10.00\%$, a 100% will be given.
 - 2. If there are 3-4 authors with the same contributions, 60% will be calculated for all the authors. If the papers are published in journals with $IF \geq 10$, a 100% will be given.
 - 3. If there are 5 authors or above with the same contributions, 30% will be calculated for all authors. If the papers are published in journals with $IF \geq 20$, a 100% will be given.
- (iii) If there are any special conditions (such as an advisor is seriously ill or encounters major incidents or delay a student's paper submission), a student may submit evidence to the Program Meeting and College Meet for discussions and approval.
- II. Students shall present their papers with either Ph.D. Program for Neural Regenerative Medicine, College of Medical Science and Technology, Taipei Medical University and National Health Research Institutes or Ph.D. Program for Neural Regenerative Medicine, College of Medical Science and Technology, Taipei Medical University as their affiliations in order to be counted. Starting from 2022 academic year, students shall present their papers with either the Ph.D. Program in Medical Neuroscience, College of Medical Science and Technology, Taipei Medical University and National Health Research Institutes or Ph.D. Program in Medical Neuroscience, College of Medical Science and Technology, Taipei Medical University as their affiliations in order to be counted.
- III. When students publish their papers, their advisor or co-advisor shall be the corresponding author.
- IV. The contents shall be solid in foundation, consistent in logic, and comply with the contents of the dissertations.

Article 8 Preliminary Review of Ph.D. Dissertation

- I. Required Documents
 - (i) Transcript
 - (ii) Offprint or letter of acceptance of the SCI papers
 - (iii) First draft of the Ph.D. dissertations
- II. The submitted materials shall be reviewed by the preliminary review committee summoned by the program director. Passing the preliminary review, students are allowed to apply for the Ph.D. degree examination.

Article 9 Ph.D. Degree Examination

- I. The advisor shall recommend five to nine candidates to be the members to the Ph.D. Degree Examination Committee. Consented by the program direction, the recommendation list shall be forwarded to the Dean, who shall choose the appropriate members. At least one third of the committee members shall be the external committee member(s). The advisor shall not be the convener. The passing grade of the degree examination is 70.
- II. Passing the Ph.D. Degree Examination, after collecting the committee

members' suggestions' and revising the dissertation, the candidates may apply for leaving the University in accordance with the degree examination procedure and graduation and school leaving protocol. A degree certificate shall be conferred accordingly.

Article 10 Matters not covered by these Regulations shall be handled in accordance with the regulations and rules of the Ministry of Education and Taipei Medical University.

Article 11 These Regulations have been approved by the Academic Affairs Meeting and have been submitted to the President for approval and implementation. Amendments to these Regulations shall follow the same procedure.