

臺北醫學大學細胞治療與再生醫學國際博士學位學程修業規定

Degree Requirements for International Ph.D. Program

in Cell Therapy and Regenerative Medicine,

Taipei Medical University

106年1月4日細胞治療與再生醫學國際博士學位學程籌備處會議新訂通過
Approved by Program Affairs Preparatory Council on January 4 2017
106年2月23日院務會議修正通過
First Revision Approved by College Affairs Council on February 23 2017
106年3月16日教務會議修正通過
First Revision Approved by Academic Affairs Council on March 16 2017
107年9月5日學程會議修正通過
Second Revision Approved by Program Affairs Council on September 5 2017
107年9月18日院務會議修正通過
Second Revision Approved by College Affairs Council on September 18 2017
107年12月6日教務會議修正通過
Second Revision Approved by Academic Affairs Council on December 6 2017
109年4月1日學程會議修訂通過
Third Revision Approved by Program Affairs Council on April 1 2020
109年5月06日院務會議修訂通過
Third Revision Approved by College Affairs Council on May 6 2020
109年5月13日教務會議修訂通過
Third Revision Approved by Academic Affairs Council on May 13 2020
112年11月01日學程會議修正通過
Approved by Program Affairs Council on November 1, 2023
112年11月16日院務會議修正通過
Approved by College Affairs Council on November 16, 2023
112年12月18日教務會議修正通過
Approved by Academic Affairs Council on December 18, 2023

第一條 (修業及休學)

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)

Allotted Timeframe 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)

本學程須修畢至少30學分，修業學分規定如下：

一、 修業學分

(一)108學年度(含)之前入學：必修20學分(含博士論文12學分及研究倫理0學分)及至少選修10學分。

(二)109學年度(含)之後入學：必修24學分(含博士論文12學分及研究倫理0學分)及至少選修6學分。

二、 學分修習時限以第一、二年為原則，學生須修滿學程所有必修學分(含研究倫理，不含論文)及至少4學分之選修科目，碩士班逕修讀博士學位者須修滿30學分（不含論文），方得參加博士學位候選人資格考試。

Article 2. (Course Requirements)

Course Credits Requirements:

- (1) For students who matriculated in the program before AY 2019 are required to complete a minimum of 30 credits, including 20 required credits (including Dissertation (12 credits) and Research ethics (no credits)) and a minimum of 10 elective credits.
- (2) For students who matriculated in the program after AY 2020 are required to complete a minimum of 30 credits, including 24 required credits (including Dissertation (12 credits) and Research ethics (no credits)) and a minimum of 6 elective credits.
- (3) In principle, students have to complete all of the courses within the first two years. Students who have completed all of the required credits including Research Ethics, except Dissertation, and at least 4 credits of the elective courses are eligible to apply for the Qualification Examination (QE).

第三條 (論文輔導委員會)

- 一、 學生應於入學第一學期之3月底或10月底前選定指導教授，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、 自博二起，每學年向論文輔導委員會進行至少一次的進度報告。
- 三、 自博三起，每學年須對全學程師生進行公開進度報告，當學期核准申請學位考試之學生，可自行選擇是否參加。
- 四、 博三學生須參加「醫學院聯合進度報告競賽」，當學期核准申請學位考試之學生，可自行選擇是否參加。
- 五、 論文輔導委員會須於每學年進度報告後，將相關意見彙整繳交於學程辦公室，經學程主任組成之博士生研究進度審核委員會審核後，審核意見彙整交予學生及指導教授，給予適度輔導。如有更換指導教授情形，須於一年內組成新的論文輔導委員會。

Article 3. (Dissertation Guidance Committee (DGC))

- (1) Students should select a dissertation advisor before the end of March or October of the first semester of the first school year. The advisor is responsible for constituting the Dissertation Guidance Committee (DGC) which consists of three to five faculty members including the advisor. The Chair of DGC is selected by the Director of IPCTRM, and the student's advisor is not eligible to be the Chair of DGC.
- (2) Students are obligated to present their progress report to DGC at least once per school year starting from the second matriculated year.
- (3) From the third matriculated year and onwards, students are required

to have an open seminar regarding their research progress to all IPCTRM faculty and students annually. Students who have applied for degree examinations in the current semester can choose whether to participate or not.

(4) The 3rd year Ph.D. students are required to participate the CoM Joint Progress Report Competition. Students who have applied for degree examinations in the current semester can choose whether to participate or not.

(5) DGC members are responsible for consolidating their opinions and suggestions to the IPCTRM program office after the students' annual progress report. An evaluation will be made by the Audit Committee for Research Progress of Ph.D. Students (ACRPPS) organized by the Director. ACRPPS will then provide the guidance by sending the suggestions to graduate students and their advisors. If a student has switched advisors, a new DGC should be reconstituted within one year.

第四條 〔資格考試規定〕

- 一、 108學年度(含)之前入學：博二(含)以上學生修滿學程上規定之必修(共8學分；含研究倫理0學分)及選修(至少4學分)共計取得至少12學分以上，方始得申請資格考試。
- 二、 109學年度(含)之後入學：博二(含)以上學生修滿學程上規定之必修(共12學分；含研究倫理0學分)及選修(至少4學分)共計取得至少16學分以上，方始得申請資格考試。
- 三、 資格考試須在博三(含)結束前完成，可考二次，若仍不及格者，應令退

學。通過資格考後，即成為博士學位候選人。

四、 考試委員組成方式：

(一)由學程主任指派一名本學程專任或合聘專任教師擔任召集人。

(二)召集人建議考試委員5-7人，由學程主任圈選出4人(校外至少一人，學程主任亦可推薦考試委員)，組成5人考試委員小組。

五、 申請時間：每年三月及九月前提出申請，確切時間依學程公告時間為準。

六、 申請文件：

(一)博士學位候選人資格考試申請書。

(二)歷年成績單正本。

(三)報告研究主題及英文摘要。

(四)欲證明的假說及支持假說成立之佐證資料(含初步實驗數據與實驗設計)。

七、 考試內容：

(一)由學生報告，可選擇其進行之博士論文或非博士論文作為資格考主題。

(二)報告內容包涵「背景介紹」、「理論基礎」、「假說」，以及支持「假說」成立的有力證據、初步數據及其他應有的證據，並對證據提出評估與批判討論，及對「假說」是否成立做評斷。並輔以實驗

設計進行驗證。

(三)考試前十日繳交書面報告書。

(四)學生報告50分鐘，資格考試時間約2小時。

八、 評分標準：

(一)文獻收集及證據整理、報告主題假說之價值性、理解力及邏輯思考能力、英文書面初稿之撰寫、表達能力及臨場反應；實驗設計之邏輯性、合理性與其可行性。

(二)考試成績採多數決決定之。

Article 4. ([Eligibility for Qualification Exam \(QE\)](#))

(1) For students who matriculated in the program before AY 2019: After completing the required credits (including Research ethics (no credits)) as well as at least 4 elective credits, students are eligible to apply for the Qualification Examination (QE) starting from their second matriculated year.

(2) For students who matriculated in the program after AY 2020: After completing the required credits (including Research ethics (no credits)) as well as at least 4 elective credits, students are eligible to apply for the Qualification Examination (QE) starting from their second matriculated year.

(3) Students are obligated to pass QE by the end of the third matriculated year. QE can be taken twice and failure of passing QE will result in disqualification from the program. Students who pass QE advance to the Ph.D. candidate.

(4) Constitution of Examination Committee:

A. IPCTRM Director assigns one full-time or jointed appointment faculty to be the Chair of the committee.

B. The Chair will suggest 5 to 7 committee members and IPCTRM Director selects 4 out of the suggested members including at least 1 member who is from other Universities or Institutes, to constitute the Examination Committee. (IPCTRM Director can also suggest committee members.)

(5) Time

Students can apply for QE either before March or September of each year. Please refer to the announcement of IPCTRM program office for the exact application period.

(6) Application documents:

- A. Ph.D. candidate QE application form.
- B. Original copy of transcripts.
- C. A written proposal.

(7) Examination contents:

- A. Students need to prepare an oral presentation of their research proposal. The topics can be the on-going research of their dissertation project or a proposal that is non-related to their current project.
- B. The proposal should include Background Introduction, Basis of Theory, Hypothesis, evidences that supports the hypothesis and experimental designs. Preliminary data and other evidence should also be provided along with an evaluation and critical debate on the evidence, and judgment on the validity of “Hypothesis”.
- C. The proposal should be provided to committee members ten days before QE.
- D. Students should have a presentation for 50 minutes and the QE will proceed for around 2 hours.

(8) Evaluation criteria:

- A. Literature review and organization, value of proposal’s hypothesis, rationale and feasibility of experimental designs, overall writing of the proposal, comprehension and logical thinking, expression and

response during the presentation.

B. Grades are decided by the majority of the committee.

第五條 （博士論文學程初審）

一、 申請時間：每年三月及十月前提出申請，確切時間依學程公告時間為準。

二、 繳交資料：

(一)歷年成績單正本。

(二)發表於SCI、SSCI論文之抽印本(或接受函)。

(三)博士論文初稿 (博士論文須以英文撰寫)

(四)出席至少一次國際研討會報告之證明文件。

三、 SCI、SSCI論文須符合以下規定，始得提出博士論文學程內初審：

(一)至少有1篇SCI、SSCI論文(歸類該類別50%)，且以第一作者發表之原始論文。

(二)學生發表論文需以細胞治療與再生醫學國際博士學位學程之名義發表，且細胞治療與再生醫學國際博士學位學程需放第一位，始得以計算。

(三)主指導教授或共同指導教授須為該篇論文之通訊作者；其中共同指導教授報備須於該篇研究論文投稿前申請，否則研究論文不予承認。

(四)SCI 論文內容須具基礎內涵及連貫性，且須與博士論文內容相符合。

(五)由學程主任組成學程內初審委員會進行論文審核，通過後始可申請博士學位考試。

(六)如遇特殊狀況(如指導教授遭逢重大變故或藉故延遲學生論文投稿發表等)，可提出具體證明送請學程事務會議通過，經院務會議審核決議。

Article 5. [\(IPCTRM Preliminary Audit of Ph.D. Dissertation\)](#)

(1) Time: Students can apply either before March or September of each year. Please refer to the announcement of IPCTRM program office for the exact application period.

(2) Application documents:

A. [Original copy](#) of transcripts.

B. Photocopies of qualified SCI, SSCI publications (or the acceptance letter).

C. Dissertation draft (Dissertation should be written in English).

D. Proof of reporting at an academic symposium for at least one time.

(3) SCI, SSCI publications should meet the following requirements before applying for IPCTRM Preliminary Audit:

A. At least 1 original publication in SCI, SSCI journal (ranked in top 50%) as the first author.

B. Publication should be published under the name of International Ph.D. Program in Cell Therapy and Regenerative Medicine, College of Medicine, Taipei Medical University as the primary institute affiliation and so it will be counted.

C. Student's advisor or co-advisor should be the corresponding author of

the qualified publication. Co-advisor should be notified before submitting the publication; otherwise the publication will not be counted.

- D. Content of the publication should be fundamentally logical, coherent and also must be relevant to the student's Dissertation.
- E. IPCTRM Preliminary Audit Committee organized by IPCTRM Director will audit the Dissertation. After passing it, students are eligible for applying the Oral Dissertation Defense.
- F. If special conditions occur (such as advisor has sudden unforeseen emergencies or gives excuses to delay the time for submitting the paper), student can provide solid evidence to the IPCTRM Program Affairs Council. Final decision will be made by the College Affairs Council after IPCTRM Program Affairs Council.

第六條 (學位考試)

一、申請學位考試前須符合下列之畢業門檻：

(一)通過博士論文學程初審。

(二)112學年度(含)之後入學學生，須完成研究所學術學習護照36小時，
並經學程認證通過。

二、 博士學位考試委員五至九人，其中校外委員須三分之一以上，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。學位考試成績，以出席委員無記名投票之平均分數決定之，評分以七十分為及格；投票以一次為限，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。

三、 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。

Article 6. (Oral Dissertation Defense (ODD))

(1) Applicants must meet the following graduation thresholds before applying:

A. Pass the Preliminary Audit of Ph.D. Dissertation.

B. Students enrolled after Fall Semester 2023 need to complete at least 36 hours of TMU Research and Learning Passport.

(2) Oral Dissertation Defense Committee consists of five to nine members.

At least one third of the committee members have to be from other Universities or Institutes. Committee members are suggested by students' advisor, and selected and approved by the Dean of College of Medicine. Dean of College of Medicine also selects one member to be the Chair. Advisor and co-advisors cannot be the Chair of the Oral Dissertation Defense Committee. The grades will be decided by the average score of the secret ballot given to ODD committee members, and the ballot is held only once. Students with a score ≥ 70 are considered passed the ODD. Students are considered failed if more than one third of the members give a grade below 70.

(3) Students who have passed the ODD are obligated to revise the dissertation as suggested by the committee. The student will then submit the final, approved version of the dissertation to TMU to apply for graduation and the certification of doctoral degree.

第七條 (未盡事宜)

其他未盡事宜，悉依教育部與本校相關規定辦理。

Article 7. (Unsettled Affairs)

Matters not covered in the current document shall be handled in accordance

[with other related regulations of Ministry of Education and Taipei Medical University.](#)

第八條 [\(核決權限\)](#)

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。

Article 8. [\(Verification Authority\)](#)

This regulation will take effect after the approval by the Academic Affairs Council followed by the approval by the President of Taipei Medical University. The same applies to future modifications of the regulation.