

# 臺北醫學大學生醫材料暨組織工程研究所

## 碩士班及博士班修業規定

### Studying Regulations in GIBMTE

100.11.30 教務會議新訂通過  
102.04.24 教務會議修正通過  
103.07.10 教務會議修正通過  
104.04.10 教務會議修正通過  
104.09.17 教務會議修正通過  
105.03.17 教務會議修正通過  
105.05.17 教務會議修正通過  
105.09.22 教務會議修正通過  
106.05.16 教務會議修正通過  
107.09.18 教務會議修正通過  
107.10.17 所務會議修正通過  
107.11.28 院務會議修正通過  
107.12.06 教務會議修正通過

#### 壹、碩士班 Master Program

一、修業及休學年限：依本校學則規定辦理。

Credit requirement for graduation and guidelines for taking a leave of absence from school are followed according to the regulation of Taipei Medical University.

二、修業學分：修畢至少30學分，包括必修24學分(含碩士論文6學分)及選修至少6學分。

Graduation Credit Requirements : At least 30 credits should be completed. This should include 24 required credits (including 6 of thesis) and at least complete 6 elective credits.

三、本所碩士班英文畢業門檻，如下：

The English criteria for Master students are as following:

(一) 105學年度(含)前入學新生英文門檻由各指導教授視情況決定。

The English criteria for students admitted before 106 academic year are decided by each advisor.

(二) 106學年度(含)起入學新生，須依本校「研究生英語認證實施要點」辦理。

The English criteria for students admitted in and after 106 academic year are according to TMU regulations.

四、指導教授：依「臺北醫學大學生醫材料暨組織工程研究所教師指導研究生細則」辦

理。

Please follow guidelines of this department in order to choose a thesis advisor.

五、107學年度(含)起入學碩士班研究生每學年須參加拇山產學論壇講座、所內及校內舉辦之專題演講或參加校外研討會等至少 24 小時。每位研究生須於學期末繳交參加演講之統計報告(參加演講之學習護照)至所辦公室，統計其參加演講之次數。未符合標準者，不得申請學位考試。

GIBMTE Graduate students admitted in and after 107 academic year must attend 24 hours at least each school year in Moon-Shan academia-industry forum, lectures in/outside TMU, or symposiums outside TMU and hand in the passport to GIBMTE office in the end of each semester.

六、論文計畫書(proposal)審查： Master's thesis proposal defense:

(一) 須於以下相關規定時程前提出個人論文計畫書審查，經委員審查通過者，方可提出學位考試。

1. 第一學期畢業者，於每年4月30日前提出。
2. 第二學期畢業者，於每年10月31日前提出。

Please follow these guidelines in order to present you master thesis proposal to an evaluation committee.

1. For graduating the first semester, please complete the application before 4/30
2. For graduating the second semester, please complete the application before 10/31

(二) 論文計畫書內容依據生醫材料暨組織工程研究所規定格式撰寫。

Master thesis proposal document should comply with the approved format of GIBMTE.

(三) 審查委員三(無共同指導教授)至五名(具共同指導教授)，指導教授及共同指導教授為當然委員但不得為召集人；委員組合毋須為學位考試委員，但須為相關領域專家並具助理教授以上資格。

Evaluation committee should include 3 (if no co-advisor) to 5 (if co-advisor) members, advisor and co-advisor should be members, but are not eligible to serve as chairperson. Committee members should have knowledge on the field or related to the field of interest, and be at least Assistant Professor.

(四) 論文計畫書審查分數以出席委員評定分數平均決定之，且個別委員評分需達七十分以上為及格。

Master thesis proposal approval is decided on the majority of votes.

Master thesis proposal approval is decided based on the mean score given by Committee members, and all scores given by committee members should

be above or equal to 70.

- (五) 審查完畢後，將審查成績表送所內備查。

After the evaluation of master thesis proposal is completed, students should turn in all required documentation to the department's office.

- (六) 通過論文計畫書審查後變更題目，須經口試召集委員同意後方可修改。

If there is a change in the research topic following the master thesis proposal evaluation, this new research topic should be approved by the committee members.

## 七、碩士學位考試：Exam for master graduation

- (一) 學位考試委員三至五名，其中校外委員以三分之一為限，由所長依指導教授建議名單圈選並指定一人為召集人，指導教授及共同指導教授不得為召集人，所有委員評分之平均達七十分方為通過。

The number of evaluation committee for thesis defense is 3 to 5. The director assigns members and chairman of the committee from the evaluation committee list suggested by advisor. Please note that at most 1/3 of evaluation committee members should be from outside of our university. Thesis advisor or co-advisor is not eligible to serve as chairperson of the committee. All scores given by committee members should be above or equal to 70.

- (二) 學位考試通過，彙整委員意見進行論文修改並經指導教授同意後，付梓報校核發學位證書。

After thesis defense approval and final arrangements are completed degree certification will be issued

## 貳、博士班 PhD program

- 一、修業及休學年限：依本校學則規定辦理。

Credit requirement for graduation and guidelines for taking a leave of absence from school are followed according to the regulation of Taipei Medical University.

- 二、修業學分：修畢至少30學分，包括必修24學分(含博士論文12學分)及選修至少6學分，選修學分得至他系所學位學程修習，至多4學分為限，且須經指導教授同意依研究領域需求修習；學分修習時限以第一、二年為原則，修滿方得參加資格考試；選修博士學位者，須修畢至少42 學分(含碩士班所修學分及博士論文12 學分)。

Graduation Credit Requirements : At least 30 credits should be completed. This should include 24 required credits (including 12 of doctoral dissertation) and at least complete 6 elective credits. Elective credits, 4 credits at most, can be got from other institute or program after approved by advisor. Students can apply for the doctoral qualifying examination after credits completed, and the periods for

getting credits are the first 2 years in principle. Students studying doctoral program directly without completing master's degree should complete 42 credits at least (including credits got in master's program and 12 credits for dissertation).

三、本所博士班英文畢業門檻，如下：

The English criteria for PhD students are as following:

(一) 105學年度(含)前入學新生英文門檻由各指導教授視情況決定。

The English criteria for students admitted before 106 academic year are decided by each advisor.

(二) 106學年度(含)起入學新生，須依本校「研究生英語認證實施要點」辦理。

The English criteria for students admitted in and after 106 academic year are according to TMU regulations.

四、指導教授：依「臺北醫學大學生醫材料暨組織工程研究所教師指導研究生細則」辦理。

Please follow guidelines of this department in order to choose a thesis advisor.

五、107學年度(含)起入學博士班研究生每學年須參加拇山產學論壇講座、所內及校內舉辦之專題演講或參加校外研討會等至少 24 小時。每位研究生須於學期末繳交參加演講之統計報告(參加演講之學習護照)至所辦公室，統計其參加演講之次數。未符合標準者，不得申請學位考試。

GIBMTE Graduate students admitted in and after 107 academic year must attend 24 hours at least each school year in Moon-Shan academia-industry forum, lectures in/outside TMU, or symposiums outside TMU and hand in the passport to GIBMTE office in the end of each semester.

六、進度報告：Progress report:

博士班學生需於每年9至10月辦理一次論文研究進度報告，並應於口頭報告日之前一星期繳交依據生醫材料暨組織工程研究所規定格式撰寫之書面資料至所辦與論文輔導委員會召集人處。論文輔導委員會由指導教授與共同指導教授推薦名單後，經由所長圈選至少四位委員組成，委員應具有副教授以上資格或符合指導博士生條件之助理教授。指導教授及共同指導教授為委員但不得為召集人，論文輔導委員會需於學生口頭報告完畢並請指導教授及共同指導教授離席後，與學生面談以瞭解學生所面臨可能問題、所需指導及支援。論文輔導委員會主席於報告結束後一星期內需將委員意見表各一份送所辦公室存參。

PhD students must present a progress report every year between September 1 and October 31. PhD students should fill the approved format of the PhD progress report, and give it to the secretariat of GIBMTE and to the chairperson of the PhD progress report committee one week before the date of the oral interview. The

advisor and co-advisor suggest the composition of the PhD progress report committee. The PhD progress report committee should be comprised of at least 4 members (at least Associate Professors, or Assistant Professors meeting criteria to advise PhD students) and be approved by the Director. Both advisor and co-advisor are committee members but either cannot be the chairperson of the committee. The members of the Committee should interview the PhD student after the oral presentation, in the absence of the advisor or co-advisor, to identify any possible issues being faced by the student. The chairperson of the Committee should fill the approved format of the PhD progress report and give it to the secretariat of GIBMTE within one week after the oral interview.

七、資格考試相關規定：The requirements for doctoral qualifying exam:

(一) 修滿所上規定之必修及選修至少18學分後，得申請資格考試。

資格考試須在修畢必修及選修課程後二年內完成，通過資格考後，即成為博士學位候選人。

Students may apply for the doctoral degree qualifying exam after getting 18 credits at least.

Students must pass the doctoral qualifying exam within two years after finishing all required and elective courses. Students who have passed the doctoral qualifying exam become doctoral candidates.

(二) 資格考試以口試為主，可考二次，口試內容為博士論文計畫書口試不及格者得於六個月後進行補考，若仍不及格者，應令退學。

The content of doctoral qualifying exam is the proposal of dissertation. The doctoral qualifying exam is an oral presentation mainly and limited to two attempts. A doctoral student not capable of passing the qualifying exam can apply to qualifying exam within six months and will be reported to the university and expelled if failing again.

(三) 考試委員組成方式：The doctoral Qualifying Exam Review (QER) Committee:

1. 所長指派一名醫學工程學院專任或合聘專任教師擔任召集人。

The director assigns one full-time or adjunctive faculty in CBME to be the chairman of the QER Committee.

2. 召集人建議非應考學生指導教授及共同指導教授之相關授課老師若干人，由所長圈選出二至四人，組成三至五人資格考試委員會，任期一年。

Director selects 2 to 4 members from several faculties, recommended by the chairman and exclusive of advisor or co-advisor, to form doctoral QER committee with 3 to 5 members, whose term of service is one year.

3. 口試之書面資料依據生醫材料暨組織工程研究所規定格式撰寫。

Document is written according to the approved format of GIBMTE.

(四) 考試時間：每年三月及十月，依所方公告時間為準。

The Doctoral QER-is held in Mar. and Oct. each year, subject to the official announcement.

#### 八、博士論文發表之相關規定： Publication Review Requirements

(一) 須符合以下其一規定，始得提出所內博士論文初審：

1. 以單獨第一作者發表1篇SCI論文之原始著作，該論文須於該領域排名前30%。
2. 以單獨第一作者或共同第一作者發表多篇SCI收錄論文，其impact factor總分達5分以上。以相同貢獻方式與他人並列論文第一作者時，該篇論文IF須除以共同第一作者人數。

The doctoral student can apply for the publication review if his/her publications meet one of the following requirements:

1. Single first author of 1 SCI original paper in the top 30%.
2. Single first author or co-first author of several SCI papers and the sum of their impact factors is 5 or above. In case of co-first authorship, the impact factor of the journal is divided by the number of co-first authors.

(二) Impact factor或排名以獲得接受函或最新的數值為準，擇其高者計算。

The impact factor or ranking is based on the value at the time of acceptance or last known; whichever is highest

(三) 論文均須以生醫材料暨組織工程研究所(Graduate Institute of Biomedical Materials and Tissue Engineering)之名義發表，且指導教授或共同指導教授應為通訊作者，論文之使用於畢業申請，需附每位作者同意書。

The papers need to be published in the name of Graduate Institute of Biomedical Materials and Tissue Engineering, and the advisor or co-advisor should be the corresponding author. The doctoral student needs to provide the agreement of all authors of the paper for the use of graduation.

(四) 著作內容必須為原始論文(original paper)具連慣性主題及與博士論文內容相符合，臨床病例報告、回顧性論文、研討會論文及聯絡書信等不得作為發表論文。

The publications should be original papers and have coherence in topics, matching the dissertation. Case reports, review papers, conference papers, and communications cannot be used as publication.

#### 九、博士論文初審：Review of Dissertation

(一) 繳交資料：

1. 修業成績證明。
2. SCI paper 抽印本或接受函。
3. 依據生醫材料暨組織工程研究所規定格式撰寫博士論文初稿。

Required documents include:

1. Transcript

2. Galley proof or letter of acceptance of SCI papers
3. Draft of dissertation following the approved format of GIBMTE

(二) 由所長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 director composes the Dissertation Initial Review Committee to review the dissertation. Students can apply for the Doctoral Degree Examination after passing the review.

#### 十、博士學位考試：Exam for PhD graduation

(一) 口試至少一個月前提出申請，論文初稿須以英文撰寫並將論文初稿送達各考試委員先行審查。

Doctoral students must apply for an oral examination at least one month before the date, and deliver a draft dissertation to each member of the committee to review in advance. The dissertation should be written in English.

(二) 學位考試委員由指導教授推薦五至九名為委員，經所長同意後，送請院長圈選，其中校外委員須達三分之一以上，且指導教授及共同指導教授不得為召集人，所有委員評分之平均達七十分方為通過。

The Dean selects five to nine members, recommended by the advisor and approved by the director, to form the doctoral degree examination committee. At least one third of the committee must be non-TMU members, and advisor and co-advisor cannot be the chairperson of the committee. The examination is passed if the average of scores by committee members reaches 70 or above.

(三) 學位考試通過，彙整委員意見進行論文修改並經指導教授同意後，付梓報校核發學位證書。

After passing the Doctoral Degree examination, students should edit their dissertation according to the recommendations of the committee members. Finally, students should submit their dissertation for publication to the university to apply for their diploma after approval by the advisor.

參、其他未盡事宜，悉依教育部與本校相關規定辦理。

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

肆、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。

These guidelines become effective after approval by the Academic Affairs Committee and ratification by the University President. Amendments follow the same procedure.