

# **Requirements for Ph.D. Degree**

## **Ph.D. program in Global Health and Health Security**

### **Taipei Medical University**

Approved by the Preparatory office on March 15, 2018

Approved by the College Council on April 30, 2018

Approved by the Academic Council on May 17, 2018

Amended by the Program Council on May 2, 2019

Amended by the College Council on May 8, 2019

Amended by the Academic Council on May 16, 2019

#### Article 1

**Duration of Study:** The duration of study shall be as stipulated in the university-wide requirements and regulations of Taipei Medical University (TMU).

#### Article 2

1. Students who have enrolled in the program in the 107 Academic year : students must complete at least 30 recognized academic credits include 18 required credits (including 12 credits dissertation) and 12 elective credits (including 2 credits of “Research Planning & Design “ in Ph.D Program in School of Public Health, and a maximum of 2 credits from other graduate institute).
2. Starting the 108 Academic year, students enrolled in the program: students must complete at least 36 recognized academic credits include 24 required credits (including 12 credits dissertation) and 12 elective credits (including 2 credits of “Research Planning & Design “ in Ph.D Program in School of Public Health, and a maximum of 2 credits from other graduate institute).

#### Article 3

##### Dissertation Advisor

1. Students must choose a dissertation advisor by the end of the first academic year of the enrollment. Students must submit a “Dissertation Advisor Agreement” application form for approval by the GHHS Program Director.
2. Qualifications of the dissertation advisor should follow the TMU advisor regulations and must meet the following criteria:

- a) The advisor should have published original research articles in SCI or SSCI journals within the past three years either as the first author or as the corresponding author.
- b) The advisor should have been a principle investigator in a research project funded by the government or other private organizations within the previous three years.
- c) The faculty who advises the doctoral students in the seven years or more into their program cannot accept any more student advisees.
- d) The advisor who retires can serve only as co-advisor.
- e) The dissertation advisor should assist with forming the student's Dissertation Committee.
- f) Whenever a student wishes to change his/her dissertation advisor, the "Dissertation Advisor Agreement" application must be submitted to the GHHS Program Director for approval to change the advisor.

#### Article 4

##### Doctoral Subject Examination

1. Students must complete a minimum of 12 credit hours before they take the doctoral subject examination.
2. Students must file an application that outlines all coursework applied to the doctoral degree and approved by the Program Director and administrative faculty prior to the doctoral subject examination.
3. Students may take the doctoral subject examination in the beginning of the second academic year.
4. Students should pass the doctoral subject examination by the end of the second academic year.
5. The subject g examination is classroom-proctored with two sections, each section covering the content area of two required courses, "Special Topic in International Health Regulations and Health Security" and "Research Planning and Design".
6. Students have two chances to pass the doctoral subject examination. Students who request to retake the subject examination should submit an application for the subject examination within the first week of the following semester.

#### Article 5

##### Qualifying Dissertation Proposal Examination

1. With the advisor's consent, students who pass the subject

examination may submit their qualifying dissertation proposal application including the dissertation title and committee member list to the GHHS Program administrative faculty for reference. Students must submit an application with a written proposal for an oral defense and pass the oral examination of the proposal by the end of the third academic year. Students may complete the doctoral subject examination and qualifying dissertation proposal examination in the same semester.

2. The student's advisor will assist with forming a five-to-nine member Dissertation Committee after they pass the doctoral subject examination. The committee must include one-third non-TMU members, and the Chairperson will be selected from the committee by the program director. The advisor and co-advisor should not serve as the Chairperson. Qualifications of committee members must meet the university's requirements. After the committee has reviewed the proposal, the proposal review form must be sent to the program office for reference.
3. The oral defense of the doctoral dissertation proposal should be open. Students have two chances to pass the doctoral proposal examination. Students who request to retake the proposal examination should revise the proposal as suggested by the committee and submit an application for the proposal examination within the first week of the following semester. Students who fail the proposal defense on the second attempt will be dismissed from the doctoral program.
4. Students who pass the proposal defense and proceed with their research will work with the advisor and report their research progress to the committee or present it in the doctoral research seminar every semester.

## Article 6

### Requirements and Procedures for Doctoral Degree Examination (the Award of the Ph.D. degree)

1. Students must pass both the doctoral qualifying examination and the dissertation proposal examination in order to advance to doctoral candidacy.
2. The doctoral dissertation must be formatted in accordance with TMU's university-wide guidelines and contain chapters which include introduction, background and significance, research design

- and methods, two manuscripts, conclusions and implications, references, and appendices (IRB, instruments, etc.).
3. Doctoral candidates must meet all of the following requirements in order to proceed with the doctoral dissertation examination:
    - a) Doctoral candidates must (1) have one first-author original research article published or accepted by an SCI or SSCI journal with a Journal Impact Factor (JIF) greater than or equal to 2.0 or being ranked above or equal to the 50% JIF Percentile, and (2) have one another first-author original research paper submitted to an SCI or SSCI journal with a submission acknowledgement from the journal prior to proceeding with the doctoral degree examination.
    - b) Publications must be manuscripts coming out of the doctoral dissertation and list the student's affiliation with the GHHS program, and the advisor should be a corresponding author for the two papers. The co-advisor, if any, can be the co-corresponding author.
    - c) Doctoral candidates should orally present one of the publications described above in a peer-reviewed international conference or in an English-speaking conference held in Taiwan.
  4. The pre-defense dissertation review prior to the oral defense of the doctoral dissertation:
    - a) With the advisor's consent, doctoral candidates may file a doctoral dissertation examination application for approval by the program in the first week of the semester.
    - b) The doctoral dissertation examination application must include a draft of the doctoral dissertation and the two papers described in the Article 6
    - c) Doctoral candidates must pass the pre-defense dissertation review by the program prior to proceeding with the oral defense of the doctoral dissertation.
  5. The student's advisor will assist with forming a five-to-nine member Dissertation Committee after they pass the dissertation proposal examination. The committee must include one-third non-TMU members, and the Chairperson will be selected by the Dean from the committee listed suggested by the program director. The advisor and co-advisor should not serve as the Chairperson. The qualifications of the committee members must meet the TMU's

requirements.

6. The oral defense of the doctoral dissertation must be open and be announced for the dissertation title, names of the candidate and advisor, earned degree, date, time, and location of the presentation by the GHHS program office. At least one week prior to the presentation, the doctoral candidate must provide the above information to the administrative faculty.
7. All committee members should be physically present with the student at the time of the oral defense presentation. Under exceptional circumstances, some committee members (but not the Chairperson) may be located off-campus for the examination, connected via telephone or video-conferencing.
8. The student who receives a score of 70 or above out of 100 (full score) for his/her doctoral degree examination is considered to have passed. The score is the average (or arithmetic mean) of the scores given by all the committee members.
9. Students who fail the defense on the first attempt may retake the doctoral degree examination in the following semester or academic year if the candidate does not exceed the maximum of the study duration. Failure on the second attempt will lead to the dismissal from the doctoral study.
10. All candidates must successfully complete a dissertation in accordance with the relevant university and program guidelines prior to degree conferral.

#### Article 7

Requirements for the Ph.D. degree in the GHHS program not mentioned in these Program Guidelines and Regulations should be handled in accordance with the regulations of the Ministry of Education and of TMU.

#### Article 8

The Program Guidelines and Regulations have been approved by the Academic Council and the President of TMU. The same procedure applies when revisions are made.

# 臺北醫學大學全球衛生暨衛生安全博士學位學程修業規定

107年3月15日學程籌備處會議新訂通過

107年4月30日院務會議通過

107年5月17日教務會議通過

108年5月2日學位學程會議通過

108年5月8日院務會議通過

108年5月16日教務會議通過

第一條 修業年限：依本校學則規定辦理。

第二條 修業學分：

- 一、107學年度入學生適用：須依本學程「必修科目表」規定，修滿認可之課程30學分以上。包括必修18學分(包含論文12學分)及選修12學分(需含公共衛生學系博士班「研究規劃與設計」(全英語課程) 2學分，及得認列校內他所博士班全英語課程至多2學分)。
- 二、108學年度(含)以後入學生適用：須依本學程「必修科目表」規定，修滿認可之課程36學分以上。包括必修24學分(包含論文12學分)及選修12學分(需含公共衛生學系博士班「研究規劃與設計」(全英語課程) 2學分，及得認列校內他所博士班全英語課程至多2學分)。

第三條 論文指導教授

- 一、入學後應在一年內選定論文指導教授，並填寫論文指導教授申請表，由學程主任核定。
- 二、指導教授之資格依本校「研究生指導教授資格要點」辦理，並符合下列兩項條件。

1.近三年內曾發表一篇SCI 或SSCI 之原始著作論文，且須為該文之第一作者或通訊作者。

2.近三年內曾擔任科技部、其他政府機關或私人機構委託之研究計畫之計畫主持人。

三、指導教授若已有博士班七年級以上之指導學生，則不得再新收學生。

四、博士生選定論文指導教授後，若與論文指導教授間，因彼此理念或研究工作協調上發生困難時，得提出更換論文指導教授申請。

五、博士生之原指導教授因退休，得以兼任教師身分擔任共同指導教授。

六、指導教授須協助成立博士生的論文計畫書口試委員會。

#### 第四條 學科考試規定

一、修滿本學程規定必選修科目至少12學分後，博士生得於修業第二年起申請學科考試，必須於修業第二年結束前通過學科考試。

二、須填寫學科考試申請表，詳列所有修業學分，由學程主任及行政教師核定後，始得申請學科考試。

三、學科考試包括二科必修科目，為「國際衛生條例與衛生安全特論」及「研究規劃與設計」。學科考試不及格者，得於下學期第一週內申請進行補考。學科考試科目之主授老師，應將授課大綱告知命題老師及應考生。

#### 第五條 資格考論文計畫書口試規定

一、通過學科考試，經論文指導教授同意後，得提出資格考博士論文計

畫書口試申請，必須於修業第三年結束前通過博士論文計畫書口試。

申請時，應檢附博士論文計畫書初稿以及相關申請文件，並提送學位考試委員名單送學程主任及行政教師審核備查。博士生得於修業同一學期時間提出申請學科考試及資格考論文計畫書口試。

二、由指導教授(含)建議五至九人之委員會進行口頭及書面審查，委員資格依本校學位考試實施細則辦理，其中校外委員須三分之一以上，由學程主任指定一人為召集人，且指導教授及共同指導教授不得為召集人。審查完畢後，將審查表及審查證明送至學程內備查。

三、博士論文計畫書口試應以公開發表方式進行，口試不通過者，依口試委員之建議修改研究計畫書內容後，得於次學期進行複試。複試以一次為限，仍不通過者，應令退學。

四、博士論文計畫書口試通過後，每學期須由指導教授安排論文計畫書口試委員進行進度報告，或參加學程舉辦之進度報告。進度報告未通過者，須隔三個月再予以追蹤。

#### 第六條 博士班畢業相關規定

一、博士生通過學科考試和資格考博士論文計畫書口試後，即成為博士候選人。

二、博士論文格式須符合學校和學程規定。

三、博士候選人需符合下列各項規定，始得申請博士論文學位考試：

1.須完成二篇原始著作論文：(1)有一篇發表在該年影響力點數



(Journal Impact Factor; JIF)大於2.0或JIF排名在前50百分位之SCI、SSCI期刊的原始著作論文(通訊作者需為論文指導教師)，以及(2)一篇已收到期刊投稿受理證明。

2. 畢業著作需由學生為單一第一作者，以學校及本學程名義發表，發表的定義為收到該期刊之接受函。
3. 著作內容必須包含博士論文之部份內容。著作主要研究需由本學程教師所指導完成。通訊作者需為論文指導教師，若有共同指導教授，得由共同指導教授擔任共同通訊者。
4. 曾參加一場有論文審查程序之國際研討會，口頭報告論文(該論文須滿足前2、3款的規定，若該研討會在國內舉辦，該論文須為英文口頭報告之論文)。

#### 四、博士學位論文考試初審：

博士候選人，經論文指導教授同意後，得於開學第一週提出博士論文學位考試申請。申請時，應檢附博士論文初稿以及發表在SCI、SSCI學術期刊之原始著作論文及投稿受理證明一篇(如上述)，本學程將針對博士學位考試資格進行審核，審核通過後博士候選人始可依據本校為考試作業時程申請博士學位考試。

#### 五、博士學位考試：

1. 依本校學位考試實施細則辦理，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，由院長依本學程建議名單圈

選並指定一人為召集人。指導教授及共同指導教授不得擔任召集人。

2. 博士學位論文考試應以公開發表方式進行，口試論文題目、博士候選人及指導教授姓名、授予學位名稱、口試時間、地點應於口試前一週交由學程辦公室公佈。學位考試委員應親自出席會，不得託他人代表，委員會至少應有五人出席，須有校外委員三分之一以上參加，始得舉行。
3. 博士學位論文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。博士學位論文考試不及格、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，應令退學。

第七條 本規定未盡事宜，悉依教育部與本校相關規定辦理。

第八條 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。