

國立中山大學加速器光源與中子束應用國際博士學位學程博士生資格考核及學位考核相關規定

**Regulations on PhD Candidacy and Degree Examinations for the Synchrotron Radiation and Neutron Beam Application Group of the International PhD Program for Science of National Sun Yat-sen University**

[103 學年度入學新生起適用]  
(Applicable to students enrolled from the 2014 academic year)

100 年 8 月 12 日先進光源小組會議制定  
Established at the Advanced Synchrotron Radiation Team Meeting on August 12, 2011

100 年 11 月 22 日學程籌備委員會議修訂通過  
Amended and approved at the Program Preparatory Committee Meeting on November 22, 2011

100 年 12 月 8 日 100 學年度第 1 次院務會議核定  
Approved at the 1st College Affairs Meeting of the 2011 academic year on December 8, 2011

101 年 1 月 12 日 100 學年度第二次學程籌備委員會修訂通過  
Amended and approved at the 2nd Program Preparatory Committee Meeting of the 2011 academic year on January 12, 2012

101 年 3 月 1 日 100 學年度第 2 次院務會議修訂通過  
Amended and approved at the 2nd College Affairs Meeting of the 2011 academic year on March 1, 2012

103 年 10 月 24 日 103 學年度第 2 次學程委員會修訂通過  
Amended and approved at the 2nd Program Committee Meeting of the 2014 academic year on October 24, 2014

103 年 12 月 26 日 103 學年度第 1 次院務會議修訂通過  
Amended and approved at the 1st College Affairs Meeting of the 2014 academic year on December 26, 2014

一、 依據教育部頒「學位授予法」暨其施行細則、本校「學則」及「研究生學位考試施行細則」訂定之。

1. The Regulations on PhD Candidacy and Degree Examinations for the Synchrotron Radiation and Neutron Beam Application Group of the International PhD Program for Science (hereinafter referred to as “the Regulations”) are formulated in accordance with the Degree Conferral Act and its enforcement rules of the Ministry of Education and the Academic Regulations and Implementation Bylaws for Ph.D. and Master Degree Examination of National Sun Yat-sen University (hereinafter referred to as “NSYSU”).

二、 相關規定由中山大學加速器光源與中子束應用國際博士學位學程委員會(以下簡稱學程委員會)執行。

2. Associated provisions are enforced by the Committee of the Synchrotron Radiation and Neutron Beam Application Group of the International PhD Program for Science (hereinafter referred to as “the Program Committee”) under NSYSU.

三、 在學期間相關事項：

3. Relevant matters during studies:

(一) 修業年限：依教育部規定二至七年(不含保留入學及休學期間)。

(1) Duration: Two to seven years in compliance with the requirement of the Ministry of Education (excluding deferred enrollment and voluntary suspension periods).

(二) 學分制度及修課要求：

(2) Credit and course requirements:

1. 博士班最低修課學分 21 學分，其中與中子或同步輻射相關課程至少 9 學分。學士或碩士逕讀博士學位者至少須修滿 33 學分，二者最多可抵免本學位學程課程 16 學分。

1. A minimum of 21 credits is required for PhD students. At least 9 credits must be earned from courses related to neutron or synchrotron radiation. A bachelor's or Master's degree holder with direct admission to the International PhD Program for Science (hereinafter referred to as "the Program") shall complete at least 33 credits. A maximum of 16 credits from the Program can be transferred or waived for these degree holders.

2. 書報討論不得計入最低學分數。

2. Credits earned from seminars cannot be added to the required credits for graduation.

3. 博士生應依本學位學程課程結構進行修課，並於第一學期結束前明列於修課科目表，經指導教授及學程委員會同意後方列入畢業學分。若修課科目表所列學分數未達本規定之最低修課學分，博士生得自由選修與研究相關之科目

3. Students shall select courses according to the curriculum structure of the Program. All completed courses must be listed on the List of Completed Courses by the end of the first semester. Credits from the list will be added to the required credits for graduation upon approval by advisors and the Program Committee. If the number of credits listed is less than the minimum number of credits specified in the Regulations, the student may freely select any other course related to his or her research field to fulfill the graduation requirement.

4. 若所修課程為校外開設者，必須依中山大學抵免辦法計入畢業學分。

4. Credits from external courses can be added to the required credits for graduation according to the Credit Transfer Guidelines of NSYSU.

(三) 指導教授選派：

1. 博士生需於第一學期結束前確認指導教授。

2. 博士生倘因故須更改指導教授，必須經學程委員會同意後，始得更改。

(3) Advisor assignment:

1. Students are required to select their dissertation advisors by the end of the first semester.

2. Students must obtain consent from the Program Committee to change their advisors.

四、 博士學位候選人資格考核：

4. PhD Candidacy Examination:

(一) 資格考核：博士班資格考核科目：學程核心科目擇一及指導教授指定二門考核科目。於第一學期結束前明列於學程資格考核科目表，經學程委員會同意後執行。

(1) Candidacy Examination: Courses to be evaluated: **One** core course and any other two courses designated by the advisor. Courses shall be listed on the List of Candidacy Examination by the end of the first semester and tested upon approval by the Program Committee.

1. 資格考核科目修課成績達 **A-** 以上(含)者，得申請博士班資格考核審查。若核心科目未達 **A-** 級者，得另申請核心科目筆試，及格者得申請博士班資格考核查。

1. A student who receives a grade of **A-** or higher for each course to be evaluated may apply for the candidacy examination. If a grade of **A-** is not achieved for the specified core course, the student can apply for retaking the written examination. Qualified students can directly apply for the PhD candidacy examination.

2. 博士生於入學後二年內需通過所有博士班資格考核審查，未通過者，經本學程委員會確認後，得令退學。

2. Students must pass all PhD candidacy examinations within two years of admission. Any students who fail to fulfill the requirement will be expelled upon confirmation from the Program Committee.

3. 博士生通過資格考核審查後，得以稱之「國立中山大學加速器光源與中子束應用 國際博士學位學程博士候選人」。

3. Students who pass the candidacy examination are given the title of “PhD Candidate of the Synchrotron Radiation and Neutron Beam Application Group of the International PhD Program for Science of National Sun Yat-sen University”.

(二)博士班論文發表相關規定：

(2) Dissertation publication rules:

1. 博士生應於其博士學位考試前一年內，以與其博士論文相關之題目在校內外公開演講。

1. A student is required to deliver a public internal or external speech on a topic related to the dissertation within one year before taking the degree examination.

2. 博士生學位考試前須發表以本校具名(第一順位)出版之論文，其中一篇論文之影響指數(impact factor)為在 SCI 該類期刊最近一年排名前 50%(含)者，學生為第一作者或在指導教授與共同指導教授之外之第一作者。

2. A student is required to publish papers with the name of NSYSU (listed first). One of the papers shall be published in a SCI-indexed journal ranking among top 50% of journals by impact factor in the current year; the student shall be the first author in addition to the advisor and co-advisor.

(三)博士班學位考試：

(3) PhD Degree Examination:

1. 學位考試前須通過本學位學程之英文檢核標準：托福測驗 550 分或托福電腦化測驗 (CBT TOEFL)213 分、或全民英語能力分級檢定考試(GEPT)

中高級初試、或新制托福(iBT TOEFL)79 分或多益測驗(TOEIC)750 分，或依規定修畢本校『基礎教育：外國語文能力』領域課程四學分。

1. Students must meet the minimum requirement regarding English proficiency before taking the PhD degree examination: TOEFL score of 550, CBT TOEFL score of 213, passing the First Stage of High-Intermediate Level of General English Proficiency Test (GEPT), iBT TOEFL score of 79, TOEIC score of 750, or receiving four credits from courses in the course cluster of NSYSU: “Basic Education: Foreign Language Skills.”

2. 博士生於通過博士候選人資格考核並符合論文發表相關規定後，由指導教授推薦，經學程委員會審查通過，始得參加博士候選人學位考試。

2. After passing the PhD candidacy examination and meeting the publication requirements, a student is allowed to take the PhD degree examination with the advisor’s recommendation and the review approval from the Program Committee.

3. 博士候選人學位考試委員人選，由指導教授依本校「研究生學位考試施行細則」之規定提名，而校外考試委員人數須達三分之一(含)以上，經學程委員會審查同意後陳請校長核定聘任之。

3. The members of the PhD Degree Examination Committee shall be nominated by the advisor according to the Implementation Bylaws for Ph.D. and Master Degree Examination of NSYSU. One-third or more of the members must be external parties who shall be appointed by the President after being reviewed and approved by the Program Committee.

4. 學位考試成績不及格而其依規定延長修業年限尚未屆滿者，不得於同一

學期舉行重考，重考以一次為限，經重考不及格者，依本校學則規定應令退學。

4. Students failing the PhD degree examination and extending their study period according to relevant rules may not retake the examination in the same semester. Only one retake of the PhD degree examination is allowed. Any student who fails the degree examination for a second time shall be expelled according to the Academic Regulations of NSYSU.

五、 畢業：符合上述之各項規定者，得提出畢業之申請。

5. Graduation: Students who meet all requirements stipulated above may apply for graduation.

六、 本規定經學程委員會議及理學院院務會議通過，簽請校長核定後實施，修訂時亦同。

6. The Regulations become effective after being approved at the Program Committee Meeting and College of Science Meeting and ratified by the President. Amendments to the Regulations shall follow the same procedure.