

國立臺灣師範大學生命科學系與中央研究院生物多樣性研究中心
辦理生物多樣性國際研究生學程博士學位候選人資格考試實施要點
Guidelines for Qualifying Examinations in the TIGP Biodiversity Program, Biodiversity
Research Center, Academia Sinica and
Department of Life Science, National Taiwan Normal University

105年（含）以前入學研究生適用
[For the Students Enrolled before and in 2016]

103年7月28日學程事務會議制訂
103年9月16日課程委員會會議修訂
103年10月6日學程事務會議修正通過
103年10月9日系務會議通過
104年6月23日學程事務會議修正

Approved by the Program Academic Affairs Committee Meeting on July 28, 2014
Amended by the Department Curriculum Committee Meeting on September 16, 2014
Amended by the Program Academic Affairs Committee Meeting on October 6, 2014
Approved by Department Meeting on October 9, 2014
Amended by the Program Academic Affairs Committee Meeting on June 23, 2015

- 一、「國立臺灣師範大學生命科學系與中央研究院生物多樣性研究中心辦理生物多樣性國際研究生學程博士學位候選人資格考試實施要點」(以下簡稱本要點)依照國立臺灣師範大學「研究生博士暨碩士學位考試實施要點」第十四條之規定訂定。

The guidelines herein have been established in accordance with Article Fourteen of the National Taiwan Normal University (NTNU) Masters and PhD Graduate Degree Examination Guidelines.

- 二、本學程「博士學位候選人資格考試」(以下簡稱「資格考試」)包含「初試」(Preliminary Exam)與「論文提案口試」(Thesis Proposal Oral Defense)。研究生應分別於入學後第4學期結束前通過「初試」(Preliminary Exam)，第6學期結束前通過「論文提案口試」(Thesis Proposal Oral Defense)，休學期間不計入。研究生需通過「初試」與「論文提案口試」方為通過「資格考試」，並取得本學程博士候選人資格。

The Qualifying Examination consists of two stages, a Preliminary Examination and Thesis Proposal Oral Defense. A student must pass the Preliminary Examination before the end of the fourth semester and pass the Thesis Proposal Oral Defense before the end of the sixth semester, excluding any period for which studies are suspended. Only students who have passed both stages are considered to have passed the Qualifying Exam and will be granted PhD candidacy.

- 三、研究生之「初試」，依下列規定辦理：

The Preliminary Examination shall be organized as follows:

1. 研究生必須至少修畢「族群遺傳與演化」與「生態與保育」二門必修課，以及一門選修課(不包括「進階專題討論」)，方得提出「初試」申請。

A student must successfully complete two required courses, 'Population Genetics and Evolution' and 'Ecology and Conservation', and one elective course (excluding 'Advanced Seminar') before applying to take the Preliminary Examination.

2. 研究生必須於其預定之「初試」日期1個半月前提出考試申請，以便學程辦公室安排相關考試。

A student must submit the TIGP-BIODIV Program Preliminary Examination Application Form and the documents specified on the form at least one and a half months prior to the projected examination date.

3. 研究生填具「初試申請書」並檢附「初試申請書」中所指定之相關資料後，由課程委員會依照研究生背景與研究領域，指定3位學程老師擔任「初試委員」。研究生的指導教授不得擔任初試委員。

After reviewing a student's application to take the Preliminary Examination, the Curriculum

Committee will appoint three experts from the Program faculty, excluding the student's advisor, to form a Preliminary Examination Committee appropriate to the student's background and field of research.

4. 「初試」日期由本學程安排。
The date for the Preliminary Examination shall be arranged by the Program Office.
5. 每位初試委員應提出至少2個題目，出題範圍為學程授課內容或生物多樣性領域之基礎知識，學程辦公室必須在考試日期前3~4週將所有初試委員所提出之題目轉交給研究生。研究生需自每位委員提出之題目中選擇至少1題以口頭報告方式進行初試。
Each member of the Preliminary Examination Committee shall submit at least two written questions to the student to be examined, and the student shall select at least one question from each committee member to answer. The questions will be based upon material in the areas covered in the coursework that the student has taken or fundamental knowledge in biodiversity with which a student should be familiar. The questions will be given to the student by the Program Office three to four weeks before student's oral examination.
6. 「初試」考試時間以2小時為原則，考試結束後由3位初試委員討論並決定考試結果後送課程委員會核備。考試結果分別為：通過、有條件通過、不通過。
Two hours shall be allowed for the oral examination, after which the Examination Committee will discuss the student's performance. It will be the responsibility of the Preliminary Examination Committee to write a report, which should be signed by all three committee members, on the results of the examination to the Curriculum Committee for further reference. Three possible outcomes of the oral examination are:
 - (1) 通過：研究生通過初試。
Pass: The student is certified as having passed the Preliminary Examination.
 - (2) 有條件通過：研究生必須補齊初試委員建議的不足之處，或重考。
Conditional pass: The student must make up deficiencies and, if the committee members are still not satisfied, re-take the exam.
 - (3) 不通過：研究生沒有通過初試。
Fail: The student has failed the Preliminary Examination.
7. 初試重考以一次為限，並且必須在第4學期結束前通過，重考仍不及格者，依照「國立臺灣師範大學學則」第60條規定辦理。
There will be one and only one make-up examination allowed if a student fails the first examination. Failure to pass the make-up examinations will result in action according to Article Sixty of NTNU Student Study Regulations.

四、研究生之「論文提案口試」，依下列規定辦理：

The Thesis Proposal Oral Defense shall be organized as follows:

1. 研究生必須於第3學期結束前，提交兩份紙本之論文構想書（Pre-proposal）由論文指導委員會簽名後，分別送至課程委員會及學程辦公室備查。
A student is required to submit a copy of his/her Pre-proposal, approved/signed by his/her Thesis Advisory Committee, to both the Curriculum Committee and the Program Office before the end of the third semester.
2. 研究生必須於第4學期結束前，提交兩份紙本之論文初稿（Preliminary Proposal）由論文指導委員會簽名後，分別送至課程委員會及學程辦公室備查。
A student is required to submit a copy of his/her Preliminary Proposal, approved/signed by his/her Thesis Advisory Committee, to both the Curriculum Committee and the Program Office before the end of the fourth semester.
3. 研究生必須修畢所有必修學分（12學分）以及二門選修課程（不包括「進階專題討論」）並

通過「初試」，方得提出「論文提案口試」申請。

A student must successfully complete all required courses (12 credits) and two elective courses (excluding 'Advanced Seminar') and pass the Preliminary Examination before applying to take the Thesis Proposal Oral Defense.

4. 研究生須於其預定之「論文提案口試」日期 1 個半月前提出考試申請，以便相關考試安排。
A student must submit the application and required documents at least one and a half months prior to the projected examination date.
5. 論文提案口試委員應包括至少5位相關領域的專家學者，其中需包含至少一位非中央研究院、非國立臺灣師範大學之研究人員或教師。指導老師可推薦5位專家學者並可提出一份迴避名單。論文提案口試委員由課程委員會審核通過。
The Thesis Proposal Examination Committee shall include at least five experts in fields relevant to the thesis research, including at least one committee member not affiliated with Academia Sinica or National Taiwan Normal University. The Thesis Proposal Examination Committee must be approved by the Curriculum Committee. The student's Thesis Advisor can suggest up to five experts to be considered as Examination Committee members and a list of faculty members to exclude.
6. 「論文提案口試」日期由本學程安排。
The date for the Thesis Proposal Oral Defense shall be arranged by the Program Office.
7. 研究生必須於考試日期2週前將完成之論文提案送交論文提案口試委員審閱。此論文提案格式為2倍行高、頁數不得超過20頁（包括表格、圖表與參考文獻）。
The student must distribute to all members of the Thesis Proposal Examination Committee a near-final copy of the full thesis proposal to be defended two weeks before the defense date. The written proposal shall not exceed 20 double-spaced pages (including tables, figure legends, references, etc.).
8. 「論文提案口試」採不公開報告方式進行。每位論文提案口試委員皆需提出意見，並根據以下要點針對研究生之表現評分：
The Thesis Proposal Oral Defense is conducted as a closed-door presentation. Each examination committee member shall make comments and mark the student's performance based on:
 - (1) 該研究生對於所提案之研究與科學知識的瞭解程度
The student's understanding of the concept of the proposed research plus scientific knowledge in his/her area of interest
 - (2) 此論文提案是否符合研究倫理之規範
The conformance of the thesis proposal to research ethics regulations
 - (3) 該研究生是否具備確認研究問題、提出好的研究問題，使用合適的方法分析資料與簡述研究結果等之研究能力
The student's ability to identify a problem, ask good research questions, use appropriate methods to analyze data and summarize research results.
9. 考試結束後由論文提案口試委員討論並決定考試結果後送課程委員會核備。考試結果分別為：通過、有條件通過、不通過。
It will be the responsibility of the Thesis Proposal Examination Committee to report, in writing, the results of the examination to the Curriculum Committee for the record. Three possible outcomes of the oral examination are:
 - (1) 通過：研究生通過論文提案口試。
Pass: The student has passed the Thesis Proposal Oral Defense.
 - (2) 有條件通過：研究生必須補齊口試委員建議的不足之處、修改論文提案，或重考。
Conditional pass: The student must make up the deficiencies, revise the proposal and, if

the committee members are still not satisfied, re-take the exam.

(3) 不通過：研究生沒有通過論文提案口試。

Fail: The student has failed the Thesis Proposal Oral Defense.

10. 重考以1次為限，並且必須在第6學期結束前通過，重考仍不及格者，依照「國立臺灣師範大學學則」第60條規定辦理。

There will be one and only one make-up examination allowed if a student fails the first examination. Failure to pass the make-up examinations will result in action according to Article Sixty of NTNU Student Study Regulations.

五、本要點未盡事宜，悉依教育部及國立臺灣師範大學相關規定辦理。

Any matters that are not addressed in these Guidelines shall be governed by the relevant laws of the Ministry of Education and the NTNU.

六、本要點經學程事務委員會議、國立臺灣師範大學生命科學系系務會議通過後，並送國立臺灣師範大學教務處備查後施行，修正時亦同。

These guidelines must be approved and implemented by an Academic Affairs Meeting of the TIGP Biodiversity Program and a Department Meeting of Department of Life Science, NTNU. A copy of these guidelines shall be forwarded to the office of Academic Affairs, NTNU for future reference. The same procedure applies to all subsequent amendments.