

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博士學位學程修業暨研究生學位考試規定  
Graduate Degree Exam Regulations for the TIGP Biodiversity Program,  
Biodiversity Research Center, Academia Sinica and  
Department of Life Science, National Taiwan Normal University

**110年（含）以後入學研究生適用**  
**[For the Students Enrolled in and after 2021]**

103年7月28日學程事務會議制訂  
103年9月16日課程委員會議修正通過  
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  
105年9月26日學程事務會議修正通過  
105年11月3日系務會議通過  
107年1月30日學程課程委員會議修正通過  
107年2月21日學程事務會議修正通過  
109年1月16日學程事務會議暨課程委員會聯席會議通過  
109年3月6日108學年度生命科學專業學院院務會議第3次會議通過  
109年3月19日108學年度理學院課程會議第2次會議通過  
109年4月22日108學年度第2次教務會議修正通過  
110年1月27日學程事務會議修正通過  
110年3月31日學程事務會議暨課程委員會聯席會議通過

一、本規定依國立臺灣師範大學學位授予暨研究生學位考試辦法訂定。

The regulations herein have been established in accordance with the National Taiwan Normal University (NTNU) Degree Conferral and Graduate Degree Exam Regulations.

二、本學程依教育部核定為「生物多樣性國際研究生博士學位學程」（以下簡稱本學程），英文為「Taiwan International Graduate Program on Biodiversity」。授予之學位名稱為理學博士，英文為Doctor of Philosophy(Ph. D.)。

三、指導教授及論文指導委員會

Thesis Advisor and Thesis Advisory Committee

1. 研究生應於第一學年結束前之一個月（6月30日前），就本學程師資之中（教授、副教授、特聘研究員、研究員、副研究員）選定指導老師，研究生選定之指導教授若為助理教授或助研究員，由課程委員會議審定。研究生選定指導教授之前，由課程委員會輔導學生修業事宜。

A student is required to identify a Thesis Advisor from within the Program faculty (professor, associate professor, assistant professor, distinguished research fellow, research fellow, associate research fellow and assistant research fellow); in the case of assistant research fellow or assistant professor, the qualification of the identified advisor shall be reviewed by the Curriculum Committee. Before a thesis advisor is identified, students will be supervised by the Curriculum Committee.

2. 研究生應於確定指導老師之後一個月內（7月31日前）提出論文指導委員名單，提交課程委員會核定。論文指導委員會由至少五位委員組成，包含指導老師以及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。論文指導委員若為助理教授或助研究員身份，需由課程委員會審定。

Within one month of identifying a Thesis Advisor (and no later than July 31), a

student shall propose, with the help of the Thesis Advisor, the composition of the Thesis Advisory Committee, which shall then be submitted to the Curriculum Committee for further approval. The Thesis Advisory Committee shall consist of at least five members (including the Thesis Advisor and at least one committee member who is not affiliated with Academia Sinica or NTNU). The qualification of an assistant research fellow or assistant professor serving on the Thesis Advisory Committee shall be reviewed by the Curriculum Committee.

3. 通過論文提案口試之研究生，應於每學年結束前（7月31日）舉行至少一次進度報告直至畢業，此進度報告由該生之論文指導委員會審核並建議未來研究方向與進展。

The student, who has passed the Thesis Proposal Oral Defense, should call a progress report meeting at least once before the end of each academic year (July 31) until the graduation; the Thesis Advisory Committee shall evaluate the progress, and advise on current research problems and the future direction of the student's project.

#### 四、課程及修業

##### Course and Degree Requirements

1. 本學程修業年限為兩年至最多至七年，必須修習之科目，另行訂定。本學程課程皆為英文授課，博士學位候選人資格考試、論文撰寫與學位考試皆使用英文。

The period of study within the Program shall be no less than 2 and no more than 7 years. The course requirements are issued separately. All course lectures, qualifying examinations and theses are conducted in English.

2. 學生於在學期間至少應修畢 18 學分，其中包含本系所訂定之必修、必選等科目，修業科目表如附表。

A student shall complete at least 18 credits during the period of study from the required and elective courses offered by the Program as listed in the appendix.

3. 本學程得招收僅具學士學位之學生，須先修讀碩士班，其招生入學系所為國立臺灣師範大學生命科學系，並依其「學生逕修讀博士學位作業要點」申請逕修讀本博士學位學程，最低畢業學分為 18 學分（含碩士班可採計之學分）；以碩士學位或同等學力修讀博士學位者，最低畢業學分 18 學分。

An applicant with only a B.S. degree may be considered for admission and be enrolled first as a M.S. student in the Department of Life Science, NTNU, with an option for direct admission to the PhD Program (TIGP Biodiversity Program) at a later date according to the relevant regulations; students in this category shall follow the Program's rules to complete at least 18 credits during the period of study from the required and elective courses offered by the Program as listed in the appendix (The credits completed during the period of M.S. study shall be counted toward this credit requirement), and will require a minimum of 18 credits for graduation.

#### 五、資格考試

##### Qualifying Examination

1. 本學程博士學位候選人資格考分為「初試」(Preliminary Exam)與「論文提案口試」(Thesis Proposal Oral Defense)。

The Qualifying Examination consists of two stages, Preliminary Examination and Thesis Proposal Oral Defense.

2. 相關規定依「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」辦理。

The Qualifying Examination shall comply with the Guidelines for Qualifying Examinations in the TIGP Biodiversity Program, Biodiversity Research Center, Academia Sinica and Department of Life Science, National Taiwan Normal University.

## 六、學位考試

### Degree Examination

1. 博士學位考試依「國立臺灣師範大學學位授予暨研究生學位考試辦法」辦理。

The Degree Examination shall comply with the National Taiwan Normal University Degree Conferral and Graduate Degree Exam Regulations.

2. 研究生符合下列規定者，得申請博士學位考試：

Graduate students must satisfy all the following requirements before applying to take the PhD graduate degree examination:

- (1) 博士班修業滿三學期者，或係逕行修讀博士學位並已在博士班修業滿三學期者。

Students must have completed 3 semester's study in the Program after being accepted as PhD students.

- (2) 修畢本學程規定之應修科目及畢業總學分數，並完成論文研究初稿。

Students must have completed all compulsory courses and obtained all credits required by the Program.

- (3) 通過資格考者。

Students must have passed the Qualifying Examination and completed a preliminary draft of thesis.

- (4) 於修業期間發表(1)一篇 Impact Factor 高於 3.5 之 SCI 期刊論文，或(2)發表一篇為所屬領域排名前 15%之 SCI 期刊論文(以申請畢業口試該年或期刊資料庫公佈之 5 年平均 IF 為計)；或(3)發表二篇以上 SCI 期刊之論文。期刊論文須有接受證明或已印出，且研究生須為第一作者(或通訊作者)。均須檢附相關證明資料提送審查。上述規定亦得適用於 109 學年(含)以前入學者。如有未符合以上條件之學位考試申請案，學生以及指導教授皆需檢附申請之聲明書送請學程課程委員會討論，如課程委員會認為需要送外審，外審之審查者由課程委員會推薦，待審查者提供審查意見後再決定是否通過該申請。

Students must have had research result(s) published or manuscript(s) accepted by SCI journal(s). The student must be the first author or the corresponding author of either (1) one paper with an Impact Factor (IF) higher than 3.5, or (2) one paper in a journal ranked in the top 15% in the field, or (3) more than one SCI paper. IF is the 5-year average IF for the journal. Students need to provide the published paper(s) or the

letter(s) of acceptance of the paper(s). The above criteria can also be applicable to the students who enrolled in and before 2020. If there is any application that does not meet the above criteria, both the student and the Thesis Advisor have to provide additional statements to the Curriculum Committee for discussion and, if needed, external review. The reviewers shall be recommended by the Curriculum Committee. The Curriculum Committee shall make the final decision after receiving the review.

- (5) 研究生發表著作時，列名之合作單位應包含：國立臺灣師範大學生命科學系、中央研究院生物多樣性國際研究生博士學位學程及指導教授所屬單位。

When publishing the results of research that has been conducted during study in the Program, a student must acknowledge the support of TIGP and the affiliated institution(s) by denoting the authorship as follows: (1) Department of Life Science, National Taiwan Normal University, Taipei, Taiwan 11677; (2) Biodiversity Program, Taiwan International Graduate Program, Academia Sinica, Taipei, Taiwan 11529; and (3) the primary affiliation of the Thesis Advisor.

- (6) 如有未盡事宜，由學程事務委員會審議後辦理。

Any matters that are not addressed in these guidelines shall be reviewed and implemented after approval by the Academic Affairs Committee of the Program.

- 七、本規定未盡事宜，悉依教育部及本校學位授予暨研究生學位考試辦法及學則等相關規定辦理。

Any matters that are not addressed in these guidelines shall be governed by the relevant laws of Ministry of Education and the National Taiwan Normal University Degree Conferral and Graduate Degree Exam Regulations.

- 八、本修業規定涉學位授予等畢業條件之規定，經學程事務委員會議、生命科學專業學院院務會議及學院相關會議通過後，送教務會議審議；其餘各項規定經學程事務委員會議、生命科學專業學院院務會議通過後，送教務處備查，修正時亦同。

These guidelines have been approved and implemented by an Academic Affairs Meeting of the TIGP Biodiversity Program, the Department Meeting of the Department of Life Science, NTNU and related meetings of Academic Affairs, NTNU. A copy of these guidelines shall be forwarded to the Office of Academic Affairs, NTNU for examination. The other relevant regulations shall be forwarded to the Office of Academic Affairs, NTNU for further reference after the approval by the Academic Affairs Meeting of the TIGP Biodiversity Program and the Department Meeting of the Department of Life Science, NTNU. The same applies to all subsequent amendments.

**東海大學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博士學位學程修業暨學位考試規定**  
**Graduate Degree Exam Regulations for the TIGP Biodiversity Program,**  
**Biodiversity Research Center, Academia Sinica and Tunghai University**

**110年（含）以後入學研究生適用**  
**[For the Students Enrolled in and after 2021]**

109年8月12日學程事務會議暨課程委員會聯席會議通過  
Approved by the Program Academic Affairs and Curriculum Committee Meeting on August 12, 2020  
110年3月31日學程事務會議暨課程委員會聯席會議通過  
Approved by the Program Academic Affairs and Curriculum Committee Meeting on March 31, 2021

一、本規定依東海大學學則與東海大學研究生學位考試規則訂定。

The regulations herein have been established in accordance with the Tunghai University (THU) Academic Regulations and THU Regulations Regarding Graduate Degree Examination.

二、本學程依教育部核定為「生物多樣性國際研究生博士學位學程」（以下簡稱本學程），英文為「International Graduate Degree Program for Biodiversity」。授予之學位名稱為理學博士，英文為 Doctor of Philosophy (Ph. D.)。

三、指導教授及論文指導委員會

Thesis Advisor and Thesis Advisory Committee

1. 研究生應於第一學年結束前之一個月（6月30日前），就本學程師資之中（教授、副教授、特聘研究員、研究員、副研究員）選定指導老師，研究生選定之指導教授若為助理教授或助研究員，由課程委員會議審定。研究生選定指導教授之前，由課程委員會輔導學生修業事宜。

A student is required to identify a Thesis Advisor from within the Program faculty (professor, associate professor, assistant professor, distinguished research fellow, research fellow, associate research fellow and assistant research fellow); in the case of assistant research fellow or assistant professor, the qualification of the identified advisor shall be reviewed by the Curriculum Committee one month before the end of the first year (no later than June 30). Before a thesis advisor is identified, students will be supervised by the Curriculum Committee.

2. 研究生應於確定指導老師之後一個月內（7月31日前）提出論文指導委員名單，提交課程委員會核定。論文指導委員會由至少五位委員組成，包含指導老師以及至少一位非中央研究院、非東海大學之研究人員或教師。論文指導委員若為助理教授或助研究員身份，需由課程委員會審定。

Within one month of identifying a Thesis Advisor (and no later than July 31), a student shall propose, with the help of the Thesis Advisor, the composition of the Thesis Advisory Committee, which shall then be submitted to the Curriculum Committee for further approval. The Thesis Advisory Committee shall consist of at least five members (including the Thesis Advisor and at least one committee member who is not affiliated with Academia Sinica or THU). The qualification of an assistant research fellow or assistant professor serving on the Thesis Advisory Committee shall be reviewed by the Curriculum Committee.

3. 通過論文提案口試之研究生，應於每學年結束前（7月31日）舉行至少一次進度報告直至畢業，此進度報告由該生之論文指導委員會審核並建議未來研究方向與進展。

The student, who has passed the Thesis Proposal Oral Defense, should call a progress report

meeting at least once before the end of each academic year (July 31) until the graduation; the Thesis Advisory Committee shall evaluate the progress, and advise on current research problems and the future direction of the student's project.

#### 四、課程及修業

##### Course and Degree Requirements

1. 本學程修業年限為兩年至最多至七年。本學程課程皆為英文授課，博士學位候選人資格考試、論文撰寫與學位考試皆使用英文。

The period of study within the Program shall be no less than 2 and no more than 7 years. All course lectures, qualifying examinations and theses are conducted in English.

2. 學生於在學期間至少應修畢 18 學分，其中包含本系所訂定之必修、必選等科目，修業科目表如附表。

A student shall complete at least 18 credits during the period of study from the required and elective courses offered by the Program as listed in the appendix.

3. 本學程得招收僅具學士學位之學生並依其「學生逕修讀博士學位作業要點」申請逕修讀本博士學位學程，最低畢業學分為 18 學分；以碩士學位或同等學力修讀博士學位者，最低畢業學分 18 學分。

An applicant with only a B.S. degree may be considered for direct admission to the PhD Program (TIGP Biodiversity Program) according to the relevant regulations; students in this category shall follow the Program's rules to complete at least 18 credits during the period of study from the required and elective courses offered by the Program as listed in the appendix, and will be required a minimum of 18 credits for graduation as well as an applicant with M.S. degree.

#### 五、資格考試

##### Qualifying Examination

1. 本學程博士學位候選人資格考分為「初試」與「論文提案口試」。

The Qualifying Examination consists of two stages, Preliminary Examination and Thesis Proposal Oral Defense.

2. 相關規定依「東海大學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」辦理。

The Qualifying Examination shall comply with the Guidelines for Qualifying Examinations in the TIGP Biodiversity Program, Biodiversity Research Center, Academia Sinica and Tunghai University.

#### 六、學位考試

##### Degree Examination

1. 博士學位考試依「東海大學研究生學位考試規則」辦理。

The Degree Examination shall comply with the THU Regulations Regarding Graduate Degree Examination.

2. 研究生符合下列規定者，得申請博士學位考試：

Graduate students must satisfy all the following requirements before applying to take the PhD graduate degree examination:

- (1) 博士班修業滿三學期者，或係逕行修讀博士學位並已在博士班修業滿三學期者。

Students must have completed 3 semester's study in the Program after being accepted as PhD students.

- (2) 修畢本學程規定之應修科目及畢業總學分數，並完成論文研究初稿。

Students must have completed all compulsory courses and obtained all credits required by the Program.

- (3) 通過資格考者。

Students must have passed the Qualifying Examination and completed a preliminary draft of thesis.

- (4) 於修業期間發表(1)一篇 Impact Factor 高於 3.5 之 SCI 期刊論文，或(2)發表一篇為所屬領域排名前 15%之 SCI 期刊論文(以申請畢業口試該年或期刊資料庫公佈之 5 年平均 IF 為計)；或(3)發表二篇以上 SCI 期刊之論文。期刊論文須有接受證明或已印出，且研究生須為第一作者(或通訊作者)。均須檢附相關證明資料提送審查。如有未符合以上條件之學位考試申請案，學生以及指導教授皆需檢附申請之聲明書送請學程課程委員會討論，如課程委員會認為需要送外審，外審之審查者由課程委員會推薦，待審查者提供審查意見後再決定是否通過該申請。

Students must have had research result(s) published or manuscript(s) accepted by SCI journal(s). The student must be the first author or the corresponding author of either (1) one paper with an Impact Factor (IF) higher than 3.5, or (2) one paper in a journal ranked in the top 15% in the field, or (3) more than one SCI paper. IF is the 5-year average IF for the journal. Students need to provide the published paper(s) or the letter(s) of acceptance of the paper(s). If there is any application that does not meet the above criteria, both the student and the Thesis Advisor have to provide additional statements to the Curriculum Committee for discussion and, if needed, external review. The reviewers shall be recommended by the Curriculum Committee. The Curriculum Committee shall make the final decision after receiving the review.

- (5) 研究生發表著作時，列名之合作單位應包含：東海大學生物多樣性國際研究生博士學位學程、中央研究院生物多樣性國際研究生博士學位學程及指導教授所屬單位。

When publishing the results of research that has been conducted during study in the Program, a student must acknowledge the support of TIGP and the affiliated institution(s) by denoting the authorship as follows: (1) International Graduate Degree Program for Biodiversity, Tunghai University, Taichung City, Taiwan, 40704; (2) Biodiversity Program, Taiwan International Graduate Program, Academia Sinica, Taipei, Taiwan 11529; and (3) the primary affiliation of the Thesis Advisor.

- (6) 如有未盡事宜，由學程事務委員會審議後辦理。

Any matters that are not addressed in these guidelines shall be reviewed and implemented after approval by the Academic Affairs Committee of the Program.

七、本規定未盡事宜，悉依教育部及本校學位授予暨研究生學位考試辦法及學則等相關規定辦理。

Any matters that are not addressed in these guidelines shall be governed by the relevant laws of Ministry of Education and the Tunghai University Degree Conferral and Graduate Degree Exam Regulations.

八、本規定經學程事務委員會議、東海大學理學院院務會議通過後，送教務會議審議，修正時亦同。

These guidelines have been approved and implemented by an Academic Affairs Meeting of the TIGP Biodiversity Program and a Meeting of College of Life Science, THU. A copy of these guidelines shall be forwarded to the Office of Academic Affairs, THU for further reference. The same applies to all

subsequent amendments.



## 附表：生物多樣性國際研究生博士學位學程修業科目

### TIGP-BIODIV Program Course

#### 一、修習總學分數 Required credits

班別 Category	必修學分 Required Credits	選修學分 Elective Courses	畢業最低 總學分 Minimum number of credits for Graduation
博士班 Students with M.S. degree	12	6	18
逕讀博士班 Students with B.S. degree	12	6	18

#### 二、必修課程 Required courses

科目名稱 Course name	學分 Credit
族群遺傳與演化 甲 Population Genetics and Evolution (A)	3
生態與保育 Ecology and Conservation	3
實驗室輪調學習 Lab Rotation	1x2
專題討論 Seminar	1x4

#### 三、選修課程領域 Elective courses Fields

選修科目領域 Elective Courses Fields	最低選修學分 Minimum number of elected credits
演化與遺傳多樣性 領域 Evolution and Genetic Diversity	6
物種多樣性領域 Species Diversity	
生態系統多樣性與環境變遷 領域 Ecosystem Biodiversity and Environmental Changes	
跨領域 General Interest	