

國立中山大學海洋生物科技暨資源學系
博士學位授予相關規定
**Guidelines for Doctoral Degree Conferral in the Department of Marine
Biotechnology and Resources**

114 學年度起入學新生適用
Applicable to students enrolled from the academic year 2025 onwards

Approved by the Department Affairs Council meeting, December 12, 2002
91年12月12日 本系91學年度第5次系務會議通過
Approved by the College Affairs Council meeting, December 26, 2002
91年12月26日 本院91年度第1學期第1次院務會議通過
Amended by the College Affairs Council meeting, March 03, 2003
92年03月03日 本院91學年度第2學期第1次院務會議修正通過
Approved by the Department Affairs Council meeting, December 23, 2004
93年12月23日 本系93學年度第4次系務會議通過
Amended by the College Affairs Council meeting, January 05, 2005
94年01月05日 本院93學年度第1學期第1次院務會議修正通過
Amended by the Department Affairs Council meeting, June 07, 2011
100年06月07日 本系99學年度第7次系務會議修正通過
Amended by the Department Affairs Council meeting, January 09, 2012
101年01月09日 本系100學年度第5次系務會議修正通過
Approved by the Department Affairs Council meeting, April 12, 2012
101年04月12日 本系100學年度第3次院務會議通過
Approved by the Department Affairs Council meeting, January 15, 2015
104年01月15日 本系103學年度第1次系務會議通過
Amended by the College Affairs Council meeting, April 16, 2005
104年04月16日 本院103學年度第4次院務會議修正通過
Approved by the Department Affairs Council meeting, March 18, 2022
111年03月18日 本系110學年度第6次系務會議通過
Amended by the College Affairs Council meeting, June 2, 2022
111年06月02日 本院110學年度第6次院務會議修正通過
Approved by the College Affairs Council meeting, February 16, 2023
112年02月16日 本系111學年度第7次系務會議通過
Amended by the College Affairs Council meeting, March 20, 2023
112年03月20日 本院111學年度第3次院務會議修正通過
Approved by the Department Affairs Council meeting, March 6, 2024
113年03月06日 本系112學年度第6次系務會議通過
Approved by the College Affairs Council meeting, April 22, 2024
113年04月22日本院112 學年度第3次院務會議通過
Amended and approved at the 9th Department Affairs Meeting, May 27, 2024
113年05月27日 本系112學年度第9次系務會議修正通過
Amended and approved at the 4th College Affairs Meeting, June 3, 2024
113年06月03日 本院112學年度第4次院務會議修正通過
Amended and approved at the 10th Department Affairs Meeting, June 26, 2024
113年06月26日 本系112學年度第10次系務會議修正通過
Approved at the 3rd College Affairs Meeting, April 7, 2025
114年04月07日 本院第113學年度第3次院務會議通過
Approved by the College Affairs Council Meeting, April 22, 2025

第一條 國立中山大學海洋生物科技暨資源學系博士學位授予相關規定（以下簡稱本規定）依據「國立中山大學研究生學位考試施行細則」之規定訂定之。

I. The Guidelines for Doctoral Degree Conferral **in the Department of Marine Biotechnology and Resources**, (hereinafter referred to as "the Guidelines") are established in accordance with the Guidelines on Implementation of Doctoral and Master's Degree Examination of National Sun Yat-sen University.

第二條 在學期間相關事項：

II. Matters During the Study Period:

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. Graduation timeline: two to seven years (excluding the time of enrollment deferral and suspension of studies).

二、指導教授選派：學生應選本系專任助理教授以上教師擔任指導教授為原則，若由校外教師指導時，須列本系專任教師為共同指導教授。

2. Selection and appointment of a supervising professor: Graduate students should, in principle, choose a full-time faculty member at the rank of assistant professor or above within the department as their thesis advisor. If the student is guided by an external advisor, a full-time faculty member from this department must be listed as a co-advisor

三、學分制度及修課要求：

(一) 研究生選課均須經指導教授認可。

(二) 學生須修畢規定之應修科目及最低畢業學分數（18學分）。

(三) 碩士班研究生逕行修讀博士學位者，至少應修畢30學分（含必修學分，但其就讀碩士班所修畢學分最多可抵減9學分）。

3. Academic credit system and study requirements:

A. The graduate student's course selection requires the approval of the supervising professor.

B. The student must complete the prerequisite courses and a minimum number of credits (18 credits).

C. For Master's students studying directly for a Ph.D. degree, they must complete at least 30 credits (including prerequisite credits. Up to 9 credits can be transferred from the Master's program.)

四、語文能力要求：

托福考試(TOEFL)新制iBT71分以上，多益(TOEIC)750分以上，雅思(IELTS)5.5以上，培力英語能力檢定測驗（BESTEP）聽讀200分及說寫560分以上，已參加語言檢定測驗且分數未達標準者（需檢附英檢成績單），得修習英文相關課程（可包含大學部英文中高級以上課程、海科系進階科學英文、海科碩英文論文寫作及本系碩班生物科學寫作及簡報概論，或指導教授認可之英文課程）滿6學分，惟成績須達B-(70分)以上，且該學分不納入畢業學分。

4. Language proficiency requirements:

A TOEFL iBT score of over 71, a TOEIC score of over 750 or a IELTS score of over 5.5, or a BESTEP Listening and Reading Test score of over 100, and Speaking and Writing Test score of over 280; those who attempted but did not pass language proficiency testing (need to provide the transcript of the English proficiency test), but have completed 6 credits of English-related courses (including undergraduate program English upper-intermediate or above courses, advanced scientific English at the Department of Oceanography, technical writing in English at master's program of the Department of Oceanography, introductory guide to scientific writing and oral presentation in biological research at master's program of the Department of Marine Biotechnology and Resources, or the English courses approved by supervising professors). Nevertheless, the scores need to be above B- (70 points), and the courses are not counted as required credits for graduation.

五、學生在校期間必須參加本系哥倫布獎競賽，並且至少參加一次校外研討會發表。

申請學位口試時，須檢附哥倫布獎競賽參加證明，及校外研討會發表證明。

5. During their study, students must participate in the department's Columbus Award Competition and present at least once at an external academic conference. When applying for the degree oral examination, students must submit proof of participation in the Columbus Award Competition and proof of presentation at an external conference.

第三條 博士學位候選人資格考核：

學期之定義：上學期自每年八月一日至隔年一月三十一日、下學期自每年二月一日至七月三十一日。

III. The doctoral qualification exam:

Definition of semester: The first semester runs from August 1st to January 31st of the following year, and the second semester runs from February 1st to July 31st each year.

- 一、資格考試：包括必考與選考科目，成績以通過或未通過表示，每位學生每次最多選考三科，必須在三年內（不含休學期間）至少通過三科，未達要求者應令其退學。考試之申請應於開學後二週內提出，並由系上統一排訂考試地點。通過資格考試後方可申請參加論文計畫書審查。

（一）必考科目：海洋學概論

（二）選考科目（指導教授指定）：包括以下七科，任選二科

（1）海洋生態學 （2）生物學 （3）生理學 （4）分子生物學 （5）有機化學 （6）環境化學 （7）天然物化學

1. Qualification exam:

The examination consists of both required and elective subjects. Results are recorded as either "Pass" or "Fail." Each student may take up to three elective subjects per examination session. Students must pass at least three subjects within three years (excluding any approved leaves of absence). Failure to meet this requirement will result in dismissal from the program. Applications for the examination must be submitted within the first two weeks of the semester and will be scheduled collectively by the department. Students must pass the qualifying examination before applying for the thesis proposal review. The candidate must pass the qualification exam to apply for thesis proposal review.

A. Core course: Introduction to Marine Science

B. Optional courses (the supervising professor appoints): Select any 2 of the 7 courses below

a. Marine Ecology b. Biology c. Physiology d. Molecular Biology

e. Organic Chemistry f. Environmental Chemistry g. Natural Products Chemistry

- 二、論文計畫書審查：第四學年結束前，必須以口試方式審查研究生論文計畫書並考核相關學識，通過後至少六個月後方可申請參加學位考試。第一次審查未通過者，應於次學期或次學年內申請第二次審查，兩次未通過或未完成第一次審

查者，應令其退學。

(一) 欲參加論文計畫書審查之研究生，應於審查前四週送博士生資格考核口試申請表向系辦提出申請。

(二) 研究生應於排定之審查日期二週以前送交論文研究計畫書予資格考試審查委員。

(三) 審查委員由指導教授推薦三至五位助理教授(含)以上教師擔任，但不含指導教授。

(四) 研究生通過論文計畫書審查，經系主任核可後，即取得博士候選人資格。

2. Thesis Proposal Review:

Before the end of the fourth academic year, graduate students shall undergo an oral examination of their thesis proposal and be assessed on related knowledge. After passing, they must wait at least six months before applying for the degree oral examination.

If the student fails the first review, they must apply for a second review in the following semester or academic year. Students who fail twice or do not complete the first review must be dismissed.

A. Graduate students wishing to participate in the thesis proposal review must submit the *Doctoral Qualification Oral Examination Application Form* to the department office four weeks before the review date.

B. Graduate students must submit their thesis proposal to the qualification examination committee at least two weeks before the scheduled review date

C. Review committee members are recommended by the advisor and must include three to five faculty members at the rank of assistant professor or higher, excluding the advisor.

D. Graduate students who pass the thesis proposal review and are approved by the department chair will obtain the status of *Doctoral Candidate*.

三、博士班論文發表相關規定：研究生於學位考試前，至少須發表一篇與博士論文相關之學術論文於 SCI (Science Citation Index) 期刊上，並為第一作者，論文獲期刊接受視同發表。

3. Regulations on Dissertation Publication for Doctoral Students:

Before the degree examination, graduate students must have published at least one academic paper related to their doctoral dissertation in an SCI (Science Citation Index) journal as the first author. A paper accepted by a journal is considered published.

四、本系博士班之本國籍學生，畢業前需赴國外進行交流，條件包括以下各點，擇一完成，方得提出學位考試。

(一) 附出國交換/研修(3個月以上)證明。

(二) 取得本校合作之境外大學雙聯學位。

(三) 具在職身分學生(檢具在職證明或以在職身分報考者)，以參加外國舉辦之國際研討會並發表口頭報告一次或發表壁報論文兩次代替。

(四) 其他因素無法長期出國交流，經系務會議同意者，以參加外國舉辦之國際研討會並發表口頭報告一次或發表壁報論文兩次代替。

4. Overseas Exchange Requirement for Domestic Doctoral Students: Before graduation,

domestic doctoral students shall complete one of the following overseas exchange requirements to be eligible to apply for the degree examination:

- A. Submit proof of an overseas exchange/research (more than three months).
- B. Obtain a dual degree from an overseas partner university recognized by the university.
- C. Students who are employed (with proof of employment or admission as an in-service student) may substitute participation by giving one oral presentation or two poster presentations at international conferences held abroad.
- D. Students unable to participate in long-term overseas exchanges for specific reasons, with approval granted in the department affairs meeting, may substitute participation by giving one oral presentation or two poster presentations at international conferences held abroad.

五、博士班學位考試：

5. Doctoral Degree Examination:

- (一) 研究生於通過博士候選人資格考核，並符合語文能力及論文發表相關規定後，由指導教授推薦，始得參加博士候選人學位考試。
- (二) 博士候選人學位考試考試委員人選，由指導教授依本校「研究生學位考試施行細則」規定提名，經系主任同意後陳請校長核定聘任之。
- (三) 學位考試成績不及格，而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，依本校學則規定應令退學。
- A. After passing the doctoral qualification assessment and meeting the dissertation publication requirements, graduate students may participate in the doctoral degree examination upon recommendation from their advisor.
- B. Doctoral degree examination committee members shall be nominated by the advisor in accordance with the Guidelines on the Enforcement of Graduate Degree Examination. The nominations must be approved by the Department Chair and submitted to the University President for final appointment.
- C. If a student fails the degree examination but has not yet reached the end of their study period, they may retake the examination in the following semester or academic year, limited to one retake. If the student fails the retake, they shall be dismissed

六、學位論文需經原創性系統比對，比對原則及結果須符合本校「研究生學位考試施行細則」相關規定。

- 6. The dissertation shall undergo plagiarism check through a designated system, and the comparison principles and results must comply with the relevant provisions in the *Guidelines on the Enforcement of Graduate Degree Examination*.

第四條 畢業：符合上述之各項規定者，得提出畢業之申請。

- IV. Graduation: Those who meet the above requirements may apply for graduation.

第五條 本規定經系務會議、院務會議通過，陳請校長核定後實施，修正時亦同。

- V. The Guidelines are approved by the Department Council, the College Council, and then the President before implementation. Amendments to the guidelines shall follow the same procedure.