

國立成功大學 生物醫學工程學系



博士班

新生說明會

Orientation for new PhD students

114 學年度入學

學分



Credits

Qualification
Exam

資格考



期刊發表

publication



博考初試

Proposal



口試

Thesis
Defense



成功大學生物醫學工程學系博士班修業辦法

總修課學分數：甄試與一般生（非逕讀）

Total course credits



▶ 依照入學前學、碩士學位背景，以及所申請抵免之學分，而有修課學分數差異：



碩士班為 <u>醫工</u> 所畢業 BME Master's Graduate 18 學分	Non-BME Master's Graduate with No Credit Waiver 非醫工碩畢且 <u>無</u> 抵免 18+26 學分
	Non-BME Master's Graduate with Credit Waiver 非醫工碩畢但 <u>有</u> 抵免 18+26 – 抵免(Credit Waivers) 學分

*18學分為本校博士生畢業規範，另26學分為本系針對非醫工背景博士生之規範

*非醫工背景博士生可經指導教授同意，申請抵免醫工相關之研究所學分 → 送交系務會議審議

* Graduation Requirement: 18 credits (university regulation)

* Additional Requirement: 26 credits (for non-BME PhD students)

* Credit Waiver: Non-BME students may apply for waiver of relevant master's-level BME credits with advisor's approval → reviewed & decided by Department Meeting

總修課學分數：逕讀生

Total course credits

Students who got directly admitted into doctoral programs (from college level or master level)

逕讀博士班 / Direct Admission to PhD Program

(含醫學士、學士/碩士直升者 / including MD holders and BS/MS direct-entry students)

No Credit Waiver 無申請抵免 36 學分	Credit Waiver 有申請抵免 36 – 抵免(Credit Waivers) 學分
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**碩士班已抵免之學分可併入博士班學分

Credits waived in the Master's program are also counted toward the PhD.

**醫工系逕讀博士班者，至少應修習 2 次博士班專題討論（專討二、三或四，且含口頭報告2次）

Students who got directly admitted into doctoral programs (from college level or master level) must take at least 2 "doctoral program seminar" courses, and must also complete oral presentations in the two courses.

先備課程 / 補修學分 Required Courses

甲、乙組 Group A & B	1.生理學 2.解剖學 3.或醫學院其他生命科學相關課程 (需提請系務會議通過) (上限3學分)	1.Physiology 2.Anatomy 3.Or other Biology related courses from NCKU medical school, the credits are subject to approval at BME faculty meeting. (Only 3 credits will be counted)	6 學分以上 at least 6 credits
	*外籍生若因解剖學為中文授課，修課不易，得修習生醫相關科系英語授課 3 學分之細胞生物學 International students unable to take Anatomy (in Chinese) may take any English-taught, 3-credits, Cell Biology related courses opened by Departments in NCKU Biomedical college.		
丙組 Group C	工程數學 or 醫用數學 or 生物統計 (大學部)	College level Engineering Mathematics or Engineering Mathematics in Medicine or Biostatistics	6 學分以上 at least 6 credits
	醫療器材創新設計(一)、(二)	Biodesign (I) & Biodesign (II)	6 學分以上 at least 6 credits
丁組 Group D	* <u>未</u>修過生理學或解剖學者，須修讀修生理或解剖 3 學分 Those who don't have Physiology or Human Anatomy background are required to take 3 credits in Physiology or Human Anatomy. * <u>未</u>修過工程數學者，須修讀醫用數學或生物統計 3 學分 Those who don't have credits in Engineering Mathematics, must take 3 credits in Engineering Mathematics or Biostatistics. (Biostatistics and Clinical Trials for Medical Device).		

如修本系開設之上述碩博課程並70分及格，可承認並記入畢業學分。If you take the aforementioned master's or doctoral courses offered by the department and pass with a score of 70 or above, the credits will be recognized and counted towards graduation.

如下修大學部之免修/先備課程且60及格，可認定已修，但不計入畢業學分。College level courses have a passing grade of 60, but the credits do **not** count towards graduation.

博三上學期系辦將審查確認所修學分是否符合規定

The department office will review and verify whether the credits you have completed meet the requirements during the first semester of your third year in the Ph.D. program.

資格考 Qualification Exam

Ph.D. freshmen are required to submit the "confirmation of Qualification Exam Group for students in Ph.D Program in NCKU" after deciding on their advisor. Once confirmed, they must follow the selected group for the qualification exam.

博士班新生須在決定指導教授後，簽訂博士班修課與資格考選考組別確認表。確認後，須按照選定組別進行資格考。

- 資格考每學期舉辦一次
- 每人須選考 4 科，最多可考 3 次。須在入學 4 年內通過
 - >>選考科目必須 4 年內修畢
 - >>出題老師若要求必須修過才能考試，則從其規定
- 考試時間：每學期開學後第一個月內舉行
- 申請時間：前一學期期末至開學前(按系網公告)
- 資格考科得以論文發表折抵 2 考科，須經系務會議審核惟該論文不得再計入畢業論文點數計算
(Q1 可抵2科、 Q2 可抵1科，Q1 與 Q2 之排名認定以投稿或發表當年度擇優計算)。

- The qualification exam is held once every semester.
- Each student must choose 4 subjects for the exam and can take the exam up to 3 times. It must be passed within four years of enrollment.
 - >>The selected subjects must be completed within four years.
 - >>If the exam instructor requires that the course must be completed before taking the exam, their regulations shall be followed.
- **Exam time:** Held within the first month of each semester.
- **Application period:** From the end of the previous semester to before the new semester starts (according to department announcements).
- Up to 2 exam subjects can be waived by publishing papers, subject to review and approval by the departmental meeting. However, such papers may not be counted again towards the thesis graduation credit. (Q1 paper: waive up to 2 subjects; Q2 paper: waive 1. Higher ranking at submission or publication applies.)

期刊發表畢業門檻：

Accumulated Impact Factor ≥ 5

Point Requirement

Minimum 5 points
including at least
3 SCI papers

Authorship

PhD student must be first author
(only the first-listed equal contributor is recognized);
advisor must be corresponding author;
department name must appear first in
affiliation

Scoring Method

➤ **Journal Impact Factor (I.F.)**

➤ **Category Ranking**

Choose either JIF Rank or IF Percentile
(not both)

If journal score at submission is higher
than the latest ranking, the higher score
will be adopted.

博考初試 Proposal

系辦提供NT6,000元補助

The department office provides a subsidy of NT6,000

相關注意事項詳見系網【畢業規範 / 學位考試 / 博考初試】

For relevant precautions, please refer to the department website [Graduation Standards/Degree Examination/Preliminary Examination for Doctoral Examination]

經費核銷時應依規定檢據並繳交合格證明書一份至系辦存查

When processing expense reimbursement, please submit the required receipts and a valid certificate for record-keeping at the department office.

初試後至少三個月始得提出學位口試。

The Doctoral Degree Examinations may only be requested at least three months after the preliminary exam



+ 口試 Dissertation Defense



滿足畢業條件者，學期中皆可進行

Those who meet the graduation requirements may proceed at any time during the semester.



Proposal 完成後至少三個月才能提出申請

The application can only be submitted at least three months after completing the proposal.



指導教授同意後，亦須經系務會議審核

After the advisor's approval, it must also be reviewed by the departmental affairs meeting.



口試委員由指導教授推薦 5至 9 位委員組成，校外委員須 1/3 以上

The oral defense committee is composed of 5 to 9 members recommended by the advisor, with at least one-third of the members being external committee members.





Dissertation Defense

畢業預審文件準備

- 1 修業規範(依入學年)
- 2 博士班畢業檢核表
- 3 歷年成績表
- 4 課程抵免紀錄
- 5 博士候選人資格證書
- 6 博士論文計畫書審查通過證明
- 7 期刊論文發表全文
- 8 期刊點數報告
- 9 博士論文初稿

Graduation Pre-review Documents

- 1 Study Regulations (by Year of Admission)
- 2 PhD Graduation Checklist
- 3 Academic Transcript
- 4 Course Credit Waiver Record
- 5 PhD Candidacy Certificate
- 6 Approval of PhD Dissertation Proposal
- 7 Full-text of Journal Publication(s)
- 8 Journal Point Report
- 9 Draft of PhD Dissertation

+ 論文延後公開申請

Embargo of Thesis / Dissertation

□ 試前

於「學位考試網路申請作業」申請

Before defense

Apply via online system

□ 試時

1. 提供延後公開相關事證
2. 由所有考試委員審核確認並簽署申請書

During defense

Provide supporting evidence

Approval

Committee reviews
signs application form

申請要件

1. 涉及機密
2. 專利申請
3. 依法不得提供

須提出專利案號
適用法規或具體
事實證據

Eligibility

1. Confidential information (with legal basis/evidence)
2. Patent matters (with application number/statement)
3. Legally restricted disclosure (with legal basis/evidence)



畢業

Graduation

