

成功大學生物醫學工程學系碩士班修業辦法
Requirements for Master Program in Biomedical Engineering Department,
National Cheng Kung University

89. 11. 09第4次所務會議通過
Amended and Approved at the 4th Faculty Meeting, 11/09/2000
97. 10. 08第3次所務會議修正通過
Amended and Approved at the 3rd Faculty Meeting, 11/08/2008
103. 06. 16第4次系務會議修正通過
Amended and Approved at the 4th Faculty Meeting, 06/16/2014
105. 03. 02第1次系務會議修正通過
Amended and Approved at the 1st Faculty Meeting, 03/02/2016
106. 11. 30第3次系務會議修正通過
Amended and Approved at the 3rd Faculty Meeting, 11/30/2017
107. 01. 29第5次系務會議修正通過
Amended and Approved at the 5th Faculty Meeting, 01/29/2018
110. 09. 07第2次系務會議修正通過
Amended and Approved at the 2nd Faculty Meeting, 09/07/2021
111. 04. 11第3次系務會議修正通過
Amended and Approved at the 3rd Faculty Meeting, 04/11/2022

第一條 課程學分規定：

Article 1: Regulation for course work

一、碩士班研究生至少應修滿30學分，含四學期專題討論，論文學分另計。

1. Students of the MA program in Biomedical Engineering Institute are required to complete a minimum of 30 credits including 4 credits of seminars for graduation. The credits of thesis are not included.

二、碩士班學生必須選修課程：

2. The required courses:

(一) 甲乙組：醫學工程概論、生理學和解剖學各3學分以上，大學部已修畢者得免選修。外籍生若因解剖學非英語授課而無法修習者，得修習分醫所英語授課之高階細胞生物學抵免之。

(1) Group A&B (Engineering background): At least 3 credits each in Introduction to Biomedical Engineering, Physiology, and Anatomy. If students in these 2 groups have taken those courses in undergraduate level, the required courses can be waived. As for "Anatomy," international students may take "Advanced Cell Biology" which is taught in English and offered by *Institute of Molecular Medicine* instead when "Anatomy" is taught in Chinese.

(二) 丙 組：醫學工程概論、醫用數學(一)和醫用數學(二)各3學分以上，大學部已修畢者得免選修。

(2) Group C (Biomedicine background): At least 3 credits each in Introduction to Biomedical Engineering, Mathematics in Medicine I and II. If students in this group have taken those courses in undergraduate level, the required courses can be waived.

(三) 碩博士班研究生依規定應修習研究生通識課程，含學術倫理至少6小時、中英文寫作能力及溝通表達能力各1小時。本系研究生通識規劃於專題討論(二)及專題討論(三)課程中，若因故無法修習上述兩門課程時，應另行補足研究生通識時數，並於畢業審查時檢據證明之。

(3) Master's students should practice in graduated general courses, including academic ethics for at least 6 hours, Chinese and English writing skills, and communication skills. The graduated general courses are planned in the seminar (II) and seminar

(III). If you are not able to practice the above two courses, the graduated general credits should be completed separately, and the inspection of check at the graduation review.

三、選修他系課程者，須填寫「學分承認申請書」，經指導教授同意，始得承認畢業學分。

3. Students who take course from other institutes need fill “Courses Recognition Application Form” and approved by thesis advisor in order to account for graduation credits.

四、研究生在學期間若為交換生或經本系同意出國研習者，出國期間所習之科目學分，（學分之計算原則以授課滿十八小時為一學分）經系務會議同意者，得酌予採認。

4. Graduate students who are exchange students or attending foreign academic program under permission of department during semester, the courses taken at foreign institute can be account into graduation credits after permission at faculty meeting.

五、研究生修畢必選及選修學分擬提前畢業者，所缺專題討論之學分得修習其他課程，惟該課程修課前應經系務會議同意始得為之。

5. Graduate students who already complete the graduation required credits except seminar courses and plan to graduate earlier, could take other courses to replace the seminar course; only that the course should be approved by faculty meeting in advance.

第二條 選擇指導教授：

Article 2: Thesis advisor selection

一、入學前填選指導教授志願表，再由系上參考志願表，並依教授人數與學生人數指定指導教授。指導教授確定後，未經原指導教授同意，不得擅自更換。

1. Students should fill the “Thesis Advisor Selection Form” before registration. The thesis advisor will be assigned by the priority of “Thesis Advisor Selection Form” and the number of students each advisor can take each year. Once advisors have been assigned, students can not change advisor without the agreement of original advisor.

二、指導教授可由一人以上擔任，但主要指導教授須為本系專任（含合聘）老師。

2. Students can have more than one thesis advisor, but the main thesis advisor need be the full time or adjunct faculty in Biomedical Engineering department.

第三條 學位口試：

Article 3: Thesis examination

研究生應修滿規定學分數，使得提出學位口試申請。

Students need complete all the required credits before apply thesis examination.

第四條 如有未盡事宜均依本系、學校、教育部相關規定辦理。

Article 4: Any unregulated rules in this regulation follow the regulation of Department, School or Ministry of Education.

第五條 本辦法經系務會議通過後實施，修訂時亦同。

Article 5: The amendment and approval of this regulation need pass by faculty meeting of department.