

國立成功大學生物醫學工程學系醫療器材創新國際碩士班修業辦法

Regulation for Master Program in Biomedical Engineering Department/ International Medical Device Innovation, National Cheng Kung University

106.05.11 105 學年度第 2 學期第 4 次系務會議通過
Amended and Approved at the 4th Staff Meeting, 05/11/2017
107.01.29 106 學年度第1學期第 5 次系務會議通過
Amended and Approved at the 5th Staff Meeting, 01/29/2018
111.04.11 110 學年度第2學期第 3 次系務會議通過
Amended and Approved at the 3rd Staff Meeting, 04/11/2022
112.08.23 112 學年度第1學期第 1 次系務會議通過
Amended and Approved at the 1st Staff Meeting, 08/23/2023
113.11.22 113 學年度第1學期第 4 次系務會議通過
Amended and Approved at the 4th Staff Meeting, 11/22/2024
115.06.18 114 學年度第2學期第 4 次系務會議通過
Amended and Approved at the 4th Staff Meeting, 06/18/2026

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。碩士班選修課程包含：

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. The courses include:

(一) 共同必修課程：BioDesign (I)、BioDesign (II)、醫學工程導論(或醫學工程概論)、生理學(或工程生理學、骨科解剖生理學)各 3 學分以上，大學部已修畢者得免選修。

Required courses: At least 3 credits each in BioDesign I, BioDesign II, Introduction to Biomedical Engineering (or Introduction to Medical Engineering), and Physiology (or Engineering Physiology, Orthopedic Anatomy and Physiology for Biomedical Engineers). If students in this group have taken those courses, the required courses can be waived.

(二) 專業與技術核心課程：科技創業與投資管理、創新醫材專利與法規策略管理、醫療器材法規與實務、醫療器材之智慧財產權管理、醫療器材生醫統計與臨床實驗、醫學專用術語、醫用電腦、生醫材料，6 學分以上。

Core technique courses: At least 6 credits in Management in technique innovation and investment, Innovative Medical Device Patent and Regulatory Strategy Management, Regulatory Strategy Management, Regulation in Medical Devices, Management of Intellectual Properties of Medical Devices, Medical Terminology, Biostatistics and Clinical Lab in Medical Devices, Computer in Medicine and Biomaterials.

(三) 得選修醫工所開設之課程。

Any elective courses from BME Institute

(四) 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(可併計「臺灣學術倫理教育資源中心」線上課程時數)，並於畢業審

查時檢據證明之。

Graduate students in Master and PhD programs must take general education courses for graduate students, including academic ethics course for 6 hours and above; Chinese & English writing skills for 1 hour, communication & presentation skills for 1 hour. The general education courses are integrated in the Seminar (II) and Seminar (III), therefore, if any graduate student were not able to take the two seminar courses, s/he must still complete the general education study hours separately before graduation. Students could take the online academic ethic courses from “Ministry of Education Center for Taiwan Academic Research Ethics Education” instead. Proof of completion must be provided along with graduation review documents when applying for graduation.

二、選修他系課程者，須填寫「學分承認申請書」，經指導教授同意並核准後，始得承認成為畢業學分。

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.

三、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。

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

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老師。

Students can have more than one thesis advisor, but the main thesis advisor need be the full time 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，始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報校核定後實施，修訂時亦同。

Article 5: The amendment and approval of this regulation need passed by faculty meeting of department and report to school.

國立成功大學生物醫學工程學系醫療器材創新國際碩士班修業辦法-部分條文修正對照表

條文編號	修正條文	現行條文	說明
第二條 Article 2	選擇指導教授 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 in the “Thesis Advisor Selection Form” before registration. The students will be assigned to thesis advisors judged by 1) the preference stated in the “Thesis Advisor Selection Form,” and 2) the number of students each advisor can accept in each academic year. Once the advisors have been decided, students cannot change advisor without been approved by the initial advisor.	選擇指導教授 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 in the “Thesis Advisor Selection Form” before registration. The students will be assigned to thesis advisors judged by 1) the preference stated in the “Thesis Advisor Selection Form,” and 2) the number of students each advisor can accept in each academic year. Once the advisors have been decided, students cannot change advisor without been approved by the initial advisor.	該規範實務上長期未執行，為使法規符合現行運作現況，故予以刪除。