

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. 5. 11 105 學年度第 2 學期第 4 次系務會議通過  
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Amended and Approved at the 3<sup>rd</sup> Staff Meeting, 04/11/2022

第 1 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：

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. 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。

(1)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。

(2)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。

(3)Any elective courses from BME Institute

(四) 碩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。

(4)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.

- 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。
  2. 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。
  3. 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2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3條 學位口試：研究生應修滿規定學分數，始得提出學位口試申請。

**Article 3:** Thesis examination: Students need complete all the required credits before apply thesis examination.

第4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5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.