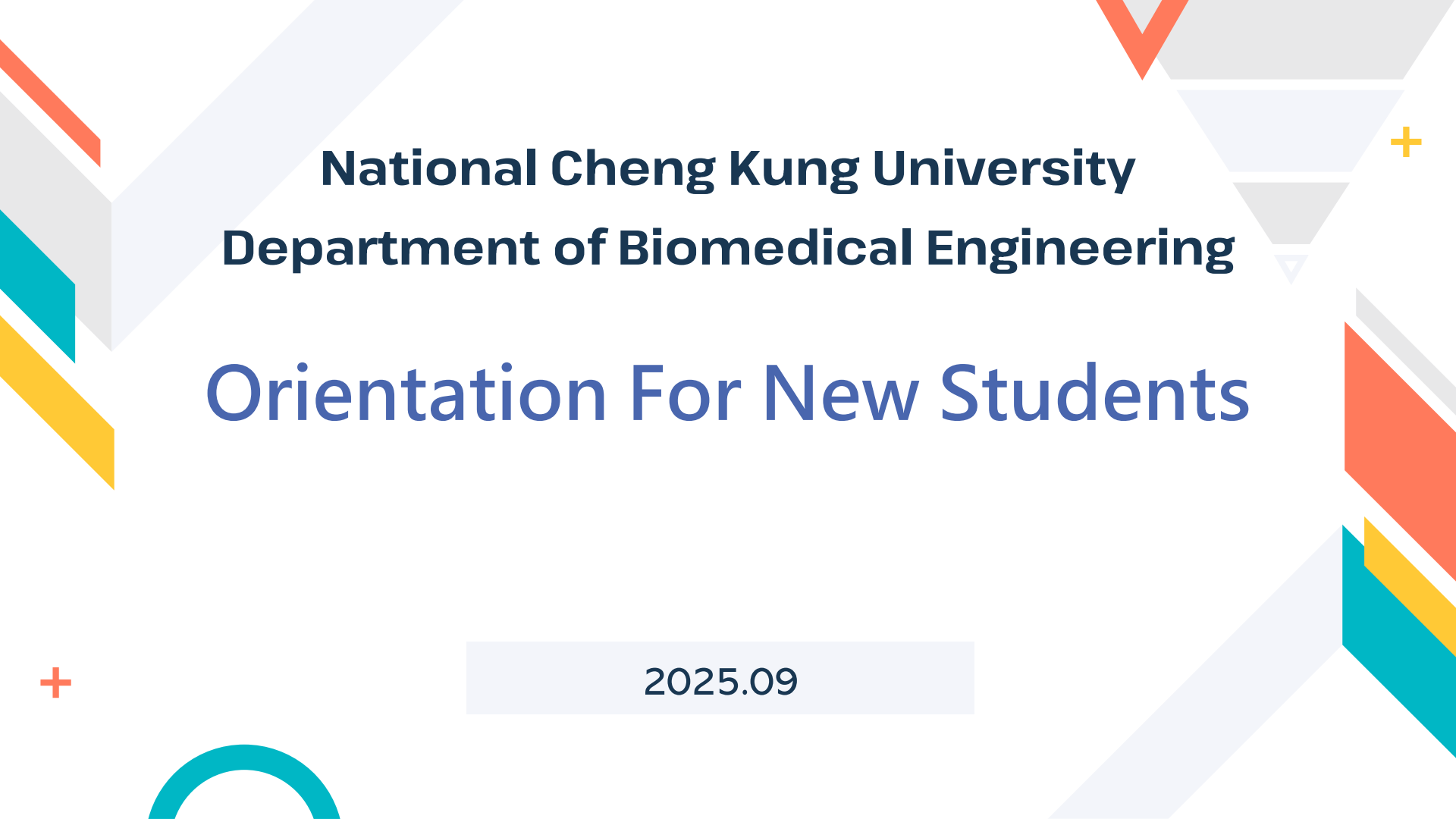




National Cheng Kung University
Department of Biomedical Engineering

Orientation For New Students

2025.09

Credits

+



學分

Required
Courses

必修



Academic
Ethics
Course

+

學術倫理

+

Thesis
Defense

口試



Total course credits : 30

總修課學分數



Requirements for Master Program in BME



Regulation for Master Program in International Medical
Device Innovation(MDI)

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.

BME Required Courses

先備課程 / 補(必)修學分(BME)

Group A or B BME / Engineering background 甲、乙組(學士為醫工或工程背景)	1.醫學工程概論 2.生理學 3.解剖學	1. Introduction to Biomedical Engineering 2. Physiology 3. Anatomy If "Anatomy" is taught in Chinese and international students are unable to take it, they may substitute it with "Advanced Cell Biology," an English-taught course offered by the Institute of Molecular Medicine. 外籍生若因解剖學非英語授課而無法修習者，只能修習分醫所英語授課之高階細胞生物學抵免之。	3 credits each 各 3 學分
Group C Life Sciences / Medicine background 丙組(學士為生科或醫學背景)	1.醫學工程概論 2.醫用數學(一) 3.醫用數學(二)	1. Introduction to Biomedical Engineering 2. Mathematics in Medicine (I) 3. Mathematics in Medicine (II)	3 credits each 各 3 學分以上
Students who have completed these courses during their undergraduate studies may apply for course exemption with an official transcript. However, they are still required to complete a minimum of 30 credits for graduation. 大學已修畢者得免修，需附成績證明審查，畢業學分仍須修滿30學分。			



不論背景，各組皆必修專題討論一、二、三、四

Regardless of background, all groups are required to take Seminar I, II, III, and IV.



學術倫理網站 ethics.moe.edu.tw

MDI Required Courses

先備課程 / 補(必)修學分(MDI)

Required courses

3 credits each

共同必修課程 (各3學分)

- 1.BioDesign (I) / 醫療器材創新設計(一)
- 2.BioDesign (II)/ 醫療器材創新設計(二)
- 3.Introduction to Biomedical Engineering(or Introduction to Medical Engineering)
醫學工程導論(或醫學工程概論)
- 4.Physiology(or Engineering Physiology, Orthopedic Anatomy and Physiology for Biomedical Engineers)/生理學(或工程生理學、骨科解剖生理學)

Students who have completed these courses during their undergraduate studies may apply for course exemption with an official transcript. However, they are still required to complete a minimum of 30 credits for graduation.

大學部已修畢者得 免修，需附 成績證明 審查，畢業學分仍須修滿30學分。

Core technique courses

at least 6 credits

專業與技術核心課程
(6 學分以上)

- 1.Management in technique innovation and investment/科技創業與投資管理
- 2.Innovative Medical Device Patent and Regulatory Strategy Management/創新醫材專利與法規策略管理
- 3.Regulation in Medical Devices/ 醫療器材法規與實務
- 4.Management of Intellectual Properties of Medical Devices/ 醫療器材之智慧財產權管理
- 5.Biostatistics and Clinical Lab in Medical Devices/ 醫療器材生醫統計與臨床實驗
- 6.Medical Terminology/ 醫學專用術語
- 7.Computer in Medicine/ 醫用電腦
- 8.Biomaterials/ 生醫材料

From 2022, all master's and doctoral students must take graduate general education courses.

111學年度起入學之博、碩士班研究生應修研究生通識

All graduate students of the department are required to take "Seminar I, II, III, and IV.

"Completion of "Seminar II" and "Seminar III" offered by the department fulfills the general education requirement for graduate students.

若修畢本系開設之「專題討論（二）」及「專題討論（三）」即符合本系研究生通識教育規定

Instructions for Logging Academic Ethics Education Hours

學術倫理教育時數登錄使用說明

► 學術倫理網站 ethics.moe.edu.tw



Advisor Selection & Change

指導教授選定與更換指導教授

- Submit the Advisor Confirmation Form at registration or within the first month of the first semester.
- If changing advisor, submit the Advisor Change Application Form to the department office. °
- If you are unsure of your group, please bring your undergraduate or master's transcript to the department office for confirmation.



+ Thesis Defense 口試



Before applying for the degree examination, please ensure the following:

- 
- *You have completed all required credits (30 credits) and mandatory courses; or*
 - *You are certain that you can fulfill all graduation credit and course requirements within this semester.*

If you fail to complete all required/mandatory credits this semester or fail any course with a grade below 70, you will not meet the graduation requirements.

Even if you pass the degree oral defense, it will be considered invalid. Additionally, any expenses incurred from the oral defense will not be reimbursed.





+ Thesis Defense 口試

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- Graduate students must *complete all the required credits* before applying for thesis examination.
 - Apply for the degree examination in either the first or second semester, following the announcements and regulations for that specific semester.
 - The oral examination committee is composed of *3 to 5 members* recommended by the advisor.
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+ Embargo of Thesis / Dissertation

論文延後公開申請

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-  Before defense Apply via online system
-  During defense Provide supporting evidence
-  Approval Committee reviews signs application form
-  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

