

中國醫藥大學 醫學院細胞生物學研究所碩士班 必修畢業學分認定表 115 學年度入學適用

China Medical University Graduate Institute of Cell Biology Requirement for Master Program (Applicable for 2026-2027 Enrollees)

科目名稱/課號 Course Title/Course ID	修別 Type	學分 Credits	一年級		二年級		可供博士班下修 （請打勾） Available for Ph.D. Program (check)	可供學士班上修 （請打勾） Available for Undergraduate (check)	課程分類 Category	備註 Remarks
			Freshman		Sophomore					
			上 1	下 2	上 1	下 2				
分子醫學(Molecular medicine)／BAD000013	必(R)	4.0	4.0					✓	院定必修(College Required Courses)	全英文授課，由醫學院開課。(Full English. Offered by the College of Medicine.)
專題討論(Seminar)／BAD000015	必(R)	1.0	1.0					✓	所定必修(Required Courses)	由醫學院開課，僅供生化、細生、生科學生修課。一年級請選班別C；二年級請選班別D；外籍生請選班別E或F。(Offered by the College of Medicine and available only to students in the Institutes of Biochemistry and Molecular Biology, Cell Biology, and Biological Science and Technology. First-year students should select Class C; second-year students should select Class D; international students should select Class E or F.)
專題討論(Seminar)／BAD000016	必(R)	1.0		1.0				✓	所定必修(Required Courses)	由醫學院開課，僅供生化、細生、生科學生修課。一年級請選班別C；二年級請選班別D；外籍生請選班別E或F。(Offered by the College of Medicine and available only to students in the Institutes of Biochemistry and Molecular Biology, Cell Biology, and Biological Science and Technology. First-year students should select Class C; second-year students should select Class D; international students should select Class E or F.)
專題討論(Seminar)／BAD000017	必(R)	1.0			1.0				所定必修(Required Courses)	由醫學院開課，僅供生化、細生、生科學生修課。一年級請選班別C；二年級請選班別D；外籍生請選班別E或F。(Offered by the College of Medicine and available only to students in the Institutes of Biochemistry and Molecular Biology, Cell Biology, and Biological Science and Technology. First-year students should select Class C; second-year students should select Class D; international students should select Class E or F.)

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			Freshman		Sophomore					
			上 1	下 2	上 1	下 2				
專題討論(Seminar)／BAD000018	必(R)	1.0				1.0			所定必修(Required Courses)	由醫學院開課，僅供生化、細生、生科學生修課。一年級請選班別C；二年級請選班別D；外籍生請選班別E或F。(Offered by the College of Medicine and available only to students in the Institutes of Biochemistry and Molecular Biology, Cell Biology, and Biological Science and Technology. First-year students should select Class C; second-year students should select Class D; international students should select Class E or F.)
碩士論文(M. S. Thesis)／MQM000014	必(R)	6.0				6.0		√	校定必修(校定必修)	無須選課，於完成論文後自動認列學分。(No registration required; credits awarded upon thesis completion.)
合計 必修總學分 (Requirement subtotal)		14.0	5.0	1.0	1.0	7.0				

校內注意事項

- 一、校級畢業規定
- (一)須完成修讀「實驗室安全」0學分及「研究倫理」0學分課程。
- (二)須通過校定碩士生英文能力鑑定標準，相關規定依本校「學生英文能力鑑定實施辦法」辦理。(外籍生免修)
- (三)教學助理訓練：碩士生須完成至少1學期之教學助理訓練。(外籍生免修)
- 二、本學分表做為畢業應修課程學分之認定依據。

Note of CMU

- University requirement for graduation.
- (1)Students must take and pass the courses: Research Ethics(0 credit) and Laboratory Safety (0 credit).
- (2)According to the regulation of CMU Students’ English Proficiency Assessment, students must pass the English Proficiency requirement before graduation.
- (Foreign students excluded)
- (3)Teaching assistant training: All Master students must complete at least one semester of teaching assistant training.
- (Foreign students excluded)
- 2.This list is used as the recognition basis of courses and credits required for graduation.

中國醫藥大學 醫學院細胞生物學研究所碩士班 必修畢業學分認定表 115 學年度入學適用

China Medical University Graduate Institute of Cell Biology Requirement for Master Program (Applicable for 2026-2027 Enrollees)

細胞生物學研究所碩士班注意事項

一、教育目標:本所從生物學、細胞結構學、基礎醫學、化學、到藥物研發與應用之研究與教學均有涵蓋。目的於培養細胞生物領域優秀之基礎科學研究人才，使其具備良好之跨領域合作與獨立研究的能力。

二、適用115年度入學生。本所碩士班修業年限一至四年，最低畢業學分為30學分。含院級及所級必修8學分，選修16學分，碩士論文6學分。

三、選定指導教授後請繳交「指導教授同意書」。本所每位學生至多由兩位指導教授共同指導，其中一位應為本所專任教師。

四、依據本校「細胞生物學研究所碩士班學位授予暨學位考試辦法」，申請學位考試前須完成論文初稿，並於相關生物醫學會議以口頭報告或壁報形式發表相關研究。

五、研究生修業期間除修習各系所規定應修課程外，尚須完成下列校定課程之研修及基本能力：

(一)「實驗室安全」-碩博士班校級必修0學分。

(二)「研究倫理」-碩博士班校級必修0學分。

(三)英文能力：須達到「中國醫藥大學學生英文能力鑑定實施辦法」規定之校外英文檢測鑑定標準或完成校內規定之配套措施。(外籍生免修)

(四)教學訓練：碩士生須完成至少1學期之教學訓練。(外籍生免修)

Note of Graduate Institute of Cell Biology

1.Educational Objectives: The Institute's research and teaching encompass a wide range of fields, including biology, cell structure, basic medical sciences, chemistry, and drug development and applications. The program aims to cultivate outstanding researchers in the field of cell biology and to equip students with strong interdisciplinary collaboration skills and the ability to conduct independent research.

2.For students enrolled in 2026. The Master's program is one to four years. The minimum graduation requirement is 30 credits, including: The Master's Graduate Institute of Cell Biology (GICB) is a one-to-four-year program. Minimum credits required for graduation is 30 credits, including 8 credits from required courses (College and institute-level required courses), 16 credits from elective courses and 6 credits of Master's thesis research.

3.After selecting an advisor, students must submit an Advisor Consent Form. Each student may be jointly supervised by up to two advisors, and at least one advisor must be a full-time faculty member of the Institute.

4.Students must complete a draft of their thesis before applying for the Master's Degree Examination.

In addition, students are required to present their research findings at a relevant biomedical conference in the form of either an oral presentation or a poster presentation.

5.Besides taking the required courses as stipulated by each department in the study period, GICB students shall complete the training of the following courses as stipulated by the school:

(1)Laboratory safety: A school-level required course in the Master's Program and Doctoral Program with 0 credits.

(2)Research Ethics: A school-level required course in the Master's Program and Doctoral Program with 0 credits.

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(4)Teaching assistant training: Master's students must complete at least one semester of teaching training. (Foreign students excluded)

單位主管簽章：

中國醫藥大學 醫學院細胞生物學研究所碩士班 選修畢業學分認定表 115 學年度入學適用

China Medical University Graduate Institute of Cell Biology Elective for Master Program (Applicable for 2026-2027 Enrollees)

科目名稱/課號 Course Title/Course ID	修別 Type	學分 Credits	一年級		二年級		可供博士班下修 (請打勾) Available for Ph.D. Program (check)	可供學士班上修 (請打勾) Available for Undergraduate (check)	課程分類 Category	備註 Remarks
			Freshman		Sophomore					
			上 1	下 2	上 1	下 2				
生物科技實驗方法與原理(Methods and principles of biotechnology experiments)／BIM000010	選(E)	2.0	2.0						所定選修(Elective Courses)	由生科碩開課
致癌基因特論(Special topics on Oncogene)／MQM000015	選(E)	2.0	2.0						所定選修(Elective Courses)	全英文授課，選課前請與授課教師聯繫。(English course. Please contact the instructor before enrolling.)
基因編輯之原理與應用(The principle and applications of genome editing)／MQM000008	選(E)	2.0	2.0						所定選修(Elective Courses)	全英文授課(English course.)
進階分子細胞生物學(Advanced molecular cell biology)／BID000007	選(E)	2.0	2.0					√	所定選修(Elective Courses)	由醫學院開課，本籍生請選A班，外籍生請選B班。(Offered by the College of Medicine. International students please select Class B.)
腫瘤細胞生物學研究法(Bi methodology of tumor cell biology)／MQM000010	選(E)	2.0	2.0						所定選修(Elective Courses)	全英文授課，由生物醫學研究所博班開課。(English course.Offered by the Ph.D in Graduate Institute of Biomedical Sciences.)
癌症免疫微環境與轉譯應用(Cancer Immune Microenvironment and Translational Applications)／MQM000018	選(E)	2.0	2.0						所定選修(Elective Courses)	全英文授課(English course)
生物資訊資料庫(Bioinformatic database)／MQM000012	選(E)	2.0		2.0					所定選修(Elective Courses)	
肥胖及糖尿病特論(Special topics on obesity and diabetes)／MQM000009	選(E)	2.0		2.0					所定選修(Elective Courses)	全英文授課(English course.)
細胞生物學中的生物物理方法(Biophysical methods in cell biology)／MQM000007	選(E)	2.0		2.0					所定選修(Elective Courses)	全英文授課(English course.)
腫瘤免疫學與免疫治療(Tumor Immunology & Immunotherapy)／MQM000017	選(E)	2.0		2.0					所定選修(Elective Courses)	全英文授課(English course)
腫瘤發展與惡化(Tumor development & progression)／MQM000011	選(E)	2.0		2.0					所定選修(Elective Courses)	全英文授課，由生物醫學研究所開課。(English course.Offered by the Ph.D in Graduate Institute of Biomedical Sciences.)
癌症標靶治療特論(Special topics on Cancer Target Therapy)／MQM000016	選(E)	2.0		2.0					所定選修(Elective Courses)	全英文授課，選課前請與授課教師聯繫。(English course. Please contact the instructor before enrolling.)
合計 選修總學分 (Elective subtotal)		24.0	12.0	12.0						

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