

中國醫藥大學 醫學院癌症生物與藥物研發碩士學位學程 必修畢業學分認定表 115 學年度入學適用

China Medical University Master Program for Cancer Biology and Drug Discovery Requirement for Master Program (Applicable for 2026-2027 Enrollees)

| 科目名稱/課號<br>Course Title/Course ID  | 修別<br>Type | 學分<br>Credits | 一年級<br>Freshman |     | 二年級<br>Sophomore |     | 可供博士班上修<br>(請打勾)<br>Available for Ph.D.<br>Program (check) | 可供學士班上修<br>(請打勾)<br>Available for<br>Undergraduate (check) | 課程分類<br>Category                            | 備註<br>Remarks         |
|------------------------------------|------------|---------------|-----------------|-----|------------------|-----|------------------------------------------------------------|------------------------------------------------------------|---------------------------------------------|-----------------------|
|                                    |            |               | 上               | 下   | 上                | 下   |                                                            |                                                            |                                             |                       |
|                                    |            |               | 1               | 2   | 1                | 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(English course) |
| 專題討論(Seminar)／BAD000015            | 必(R)       | 1.0           | 1.0             |     |                  |     |                                                            |                                                            | 所定必修(Required Courses )                     | 全英文授課(English course) |
| 專題討論(Seminar)／BAD000016            | 必(R)       | 1.0           |                 | 1.0 |                  |     |                                                            |                                                            | 所定必修(Required Courses )                     | 全英文授課(English course) |
| 碩士論文(M. S. Thesis)／MNM000017       | 必(R)       | 6.0           |                 |     |                  | 6.0 |                                                            |                                                            | 校定必修-論文(University Required Courses-Thesis) |                       |
| 合計 必修總學分 (Requirement subtotal)    |            | 12.0          | 5.0             | 1.0 |                  | 6.0 |                                                            |                                                            |                                             |                       |

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。

癌症生物與藥物研發碩士學位學程注意事項

- 一、教育目標：
1. 深入探討癌症生物基礎研究。
2. 培養學生獨立思考、具有發掘及解決問題之能力。
3. 培育具有國際觀之研究人才。
- 二、115學年度入學新生實施，本學程修業一至四年，最低畢業學分為30學分，含必修6學分、選修18學分、碩士論文6學分。
- 三、二年級尚未畢業之學生仍須每學期選修專題討論。

單位主管簽章：

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.

Note of Master Program for Cancer Biology and Drug Discovery

- 1.Educational Goal:
- (1)Explore the biological basis of cancer through in-depth research
- (2)Cultivate independent thinking, ability to identify and solve problems
- (3)Cultivate talents with global perspective.
- 2.The Master's program is a one-to-four-year course. Minimum credits required for graduation is 30 credits, including 6 credits from required courses, 18 credits from elective courses and 6 credits of Master's thesis research.
- 3.Must select seminar every semester for sophomore hasn't graduated.

中國醫藥大學 醫學院癌症生物與藥物研發碩士學位學程 選修畢業學分認定表 115 學年度入學適用

China Medical University Master Program for Cancer Biology and Drug Discovery Elective for Master Program (Applicable for 2026-2027 Enrollees)

| 科目名稱/課號<br>Course Title/Course ID                                  | 修別<br>Type | 學分<br>Credits | 一年級<br>Freshman |      | 二年級<br>Sophomore |     | 可供博士班下修<br>(請打勾)<br>Available for Ph.D.<br>Program (check) | 可供學士班上修<br>(請打勾)<br>Available for<br>Undergraduate (check) | 課程分類<br>Category     | 備註<br>Remarks                                                             |
|--------------------------------------------------------------------|------------|---------------|-----------------|------|------------------|-----|------------------------------------------------------------|------------------------------------------------------------|----------------------|---------------------------------------------------------------------------|
|                                                                    |            |               | 上               | 下    | 上                | 下   |                                                            |                                                            |                      |                                                                           |
|                                                                    |            |               | 1               | 2    | 1                | 2   |                                                            |                                                            |                      |                                                                           |
| R語言資料分析(一)(Data analysis with R programming (I))/M9M000184         | 選(E)       | 2.0           | 2.0             |      |                  |     |                                                            |                                                            | 自由選修(Free Electives) |                                                                           |
| 癌症生物標記特論(一)(Special Topics on Cancer Biomarker (I))/M9M000193      | 選(E)       | 2.0           | 2.0             |      |                  |     |                                                            |                                                            | 自由選修(Free Electives) |                                                                           |
| 癌症生物學(Cancer Biology)/BAD000019                                    | 選(E)       | 2.0           | 2.0             |      |                  |     |                                                            |                                                            | 自由選修(Free Electives) | 全英文授課(English course)                                                     |
| 癌症免疫學(Cancer immunology)/M9M000071                                 | 選(E)       | 2.0           | 2.0             |      |                  |     |                                                            |                                                            | 自由選修(Free Electives) |                                                                           |
| 癌症病毒學特論(一)(Special Topics on Cancer Virology (I))/M9M000191        | 選(E)       | 2.0           | 2.0             |      |                  |     |                                                            |                                                            | 自由選修(Free Electives) |                                                                           |
| 癌症能量代謝特論(一)(Special topics on cancer metabolism (I))/M9M000137     | 選(E)       | 2.0           | 2.0             |      |                  |     |                                                            |                                                            | 自由選修(Free Electives) | 全英文授課(English course)                                                     |
| 癌症與發炎特論(一)(Special topics on cancer & inflammation (I))/M9M000059  | 選(E)       | 1.0           | 1.0             |      |                  |     |                                                            |                                                            | 自由選修(Free Electives) | 全英文授課(English course)                                                     |
| 藥物遺傳學(Pharmacogenetics)/49D000039                                  | 選(E)       | 2.0           | 2.0             |      |                  |     |                                                            |                                                            | 自由選修(Free Electives) |                                                                           |
| R語言資料分析(二)(Data analysis with R programming (II))/M9M000185        | 選(E)       | 2.0           |                 | 2.0  |                  |     |                                                            |                                                            | 自由選修(Free Electives) |                                                                           |
| 生物資訊資料庫(Bioinformatic database)/M9M000154                          | 選(E)       | 2.0           |                 | 2.0  |                  |     |                                                            |                                                            | 自由選修(Free Electives) |                                                                           |
| 癌症生物標記特論(二)(Special Topics on Cancer Biomarker(II))/M9M000194      | 選(E)       | 2.0           |                 | 2.0  |                  |     |                                                            |                                                            | 自由選修(Free Electives) |                                                                           |
| 癌症病毒學特論(二)(Special Topics on Cancer Virology(II))/M9M000192        | 選(E)       | 2.0           |                 | 2.0  |                  |     |                                                            |                                                            | 自由選修(Free Electives) |                                                                           |
| 癌症能量代謝特論(二)(Special topics on cancer metabolism (II))/M9M000138    | 選(E)       | 2.0           |                 | 2.0  |                  |     |                                                            |                                                            | 自由選修(Free Electives) | 全英文授課(English course)                                                     |
| 癌症與發炎特論(二)(Special topics on cancer & inflammation (II))/M9M000060 | 選(E)       | 1.0           |                 | 1.0  |                  |     |                                                            |                                                            | 自由選修(Free Electives) | 全英文授課(English course)                                                     |
| 專題討論(Seminar)/BAD000017                                            | 選(E)       | 1.0           |                 |      | 1.0              |     |                                                            |                                                            | 自由選修(Free Electives) | 全英文授課；碩二尚未畢業學生須選修(English course;sophomore hasn' t graduated must select) |
| 專題討論(Seminar)/BAD000018                                            | 選(E)       | 1.0           |                 |      |                  | 1.0 |                                                            |                                                            | 自由選修(Free Electives) | 全英文授課；碩二尚未畢業學生須選修(English course;sophomore hasn' t graduated must select) |
| 合計 選修總學分 (Elective subtotal)                                       |            | 28.0          | 15.0            | 11.0 | 1.0              | 1.0 |                                                            |                                                            |                      |                                                                           |

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。

癌症生物與藥物研發碩士學位學程注意事項

- 一、教育目標：
1. 深入探討癌症生物基礎研究。
2. 培養學生獨立思考、具有發掘及解決問題之能力。
3. 培育具有國際觀之研究人才。
- 二、115學年度入學新生實施，本學程修業一至四年，最低畢業學分為30學分，含必修6學分、選修18學分、碩士論文6學分。
- 三、二年級尚未畢業之學生仍須每學期選修專題討論。

單位主管簽章：

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.

Note of Master Program for Cancer Biology and Drug Discovery

- 1.Educational Goal:
- (1)Explore the biological basis of cancer through in-depth research
- (2)Cultivate independent thinking, ability to identify and solve problems
- (3)Cultivate talents with global perspective.
- 2.The Master's program is a one-to-four-year course. Minimum credits required for graduation is 30 credits, including 6 credits from required courses, 18 credits from elective courses and 6 credits of Master's thesis research.
- 3.Must select seminar every semester for sophomore hasn't graduated.