

中國醫藥大學 牙醫學院牙醫學系口腔醫學產業碩士班 必修畢業學分認定表 111 學年度入學適用  
China Medical University Graduate Institute of Dental and Oral Health Industries Requirement for Master Program (Applicable for 2022-2023 Enrollees)

第 1 頁 / 共 1 頁

列印日期(Date)：112年8月9日

| 科目名稱<br>Course Title                          | 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   |  |  |   |  |
| 口腔醫學研究方法論(Research methods for oral sciences) | 必(R)       | 1.0           | 1.0             |     |                  |     |  |  | 所定必修(Required Courses)                      |  |
| 分子醫學(Molecular medicine)                      | 必(R)       | 2.0           | 2.0             |     |                  |     |  |  | 院定必修(College Required Courses)              | 院級必修(全英授課)<br>(College Required Full English Course) |
| 生物統計學(Biostatistics)                          | 必(R)       | 2.0           | 2.0             |     |                  |     |  |  | 所定必修(Required Courses)                      |  |
| 專題討論(一)(Seminar(I))                           | 必(R)       | 1.0           | 1.0             |     |                  |     |  |  | 所定必修(Required Courses)                      |  |
| 專題討論(二)(Seminar(II))                          | 必(R)       | 1.0           |                 | 1.0 |                  |     |  |  | 所定必修(Required Courses)                      |  |
| 專題討論(三)(Seminar(III))                         | 必(R)       | 1.0           |                 |     | 1.0              |     |  |  | 所定必修(Required Courses)                      |  |
| 碩士論文(M. S. thesis)                            | 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)               |            | 14.0          | 6.0             | 1.0 | 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。

牙醫學系口腔醫學產業碩士班注意事項

一、教育目標：專業精神、獨立思考、社會責任。

二、111學年度入學新生實施，本所修業1-4年，最低畢業學分為30學分，含必修8學分，選修16學分，碩士論文學分6學分。

單位主管簽章：

Note of CMU

University requirement for graduation

(1)Students must take and pass the courses Research ethics and Laboratory safety. (0 credit courses)

(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 Graduate Institute of Dental and Oral Health Industries

1.Education Objective: Professionalism, Critical Thinking, Social responsibility.

2.Starting from the new 2022 admission students. For 1-4 years study, lowest 30 credits for graduation, including compulsory 8, elective 16, and thesis as 6 credits.

中國醫藥大學 牙醫學院牙醫學系口腔醫學產業碩士班 選修畢業學分認定表 111 學年度入學適用

China Medical University Graduate Institute of Dental and Oral Health Industries Elective for Master Program (Applicable for 2022-2023 Enrollees)

第 1 頁 / 共 2 頁

列印日期(Date) : 112年8月9日

| 科目名稱<br>Course Title   | 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   |  |  |                        |                           |
| 3D列印特論(Special topics on 3D printing technology)                                     | 選(E)       | 2.0           | 2.0             |      |                  |     |  |  | 所定選修(Elective Courses) |                           |
| 口腔生物學(Oral biology)  | 選(E)       | 2.0           | 2.0             |      |                  |     |  |  | 所定選修(Elective Courses) |                           |
| 口腔保健科技產業(Oral health science & technology industry)                                  | 選(E)       | 2.0           | 2.0             |      |                  |     |  |  | 所定選修(Elective Courses) |                           |
| 口腔顎顏面外科特論(Specialization on oral & maxillofacial surgery)                            | 選(E)       | 2.0           | 2.0             |      |                  |     |  |  | 所定選修(Elective Courses) |                           |
| 分子生物學特論(Special topics on molecular biology)   | 選(E)       | 2.0           | 2.0             |      |                  |     |  |  | 所定選修(Elective Courses) |                           |
| 牙科生醫材料(Dental biomaterials)  | 選(E)       | 2.0           | 2.0             |      |                  |     |  |  | 所定選修(Elective Courses) |                           |
| 牙科植體製程與技術規範(Process & specifications of dental implant)                              | 選(E)       | 2.0           | 2.0             |      |                  |     |  |  | 所定選修(Elective Courses) |                           |
| 兒童牙醫學(Pediatric dentistry)   | 選(E)       | 2.0           | 2.0             |      |                  |     |  |  | 所定選修(Elective Courses) |                           |
| 表面處理技術(Surface treatment for metallic biomaterials)                                  | 選(E)       | 2.0           | 2.0             |      |                  |     |  |  | 所定選修(Elective Courses) |                           |
| 科學程式設計特論(Special topics on scientific computing)                                     | 選(E)       | 2.0           | 2.0             |      |                  |     |  |  | 所定選修(Elective Courses) |                           |
| 智慧財產權法(Intellectual property rights)   | 選(E)       | 2.0           | 2.0             |      |                  |     |  |  | 所定選修(Elective Courses) |                           |
| 電腦輔助繪圖設計(Computer-aided design & engineering)  | 選(E)       | 2.0           | 2.0             |      |                  |     |  |  | 所定選修(Elective Courses) |                           |
| 醫事法律學(Health care law)   | 選(E)       | 2.0           | 2.0             |      |                  |     |  |  | 所定選修(Elective Courses) |                           |
| 膺復學特論(Special topics on prosthodontics)  | 選(E)       | 2.0           | 2.0             |      |                  |     |  |  | 所定選修(Elective Courses) |                           |
| 口腔腫瘤學(Oral oncology)   | 選(E)       | 2.0           |                 | 2.0  |                  |     |  |  | 所定選修(Elective Courses) |                           |
| 口腔醫學檢驗技術與發展(Stomatology examination technology & development)                        | 選(E)       | 2.0           |                 | 2.0  |                  |     |  |  | 所定選修(Elective Courses) |                           |
| 牙科材料分析(Dental materials analysis)  | 選(E)       | 2.0           |                 | 2.0  |                  |     |  |  | 所定選修(Elective Courses) |                           |
| 牙科植體學特論(Special topics on dental implantology)                                       | 選(E)       | 2.0           |                 | 2.0  |                  |     |  |  | 所定選修(Elective Courses) | 全英授課(Full English Course) |
| 牙髓病學特論(Special topics on endodontics)  | 選(E)       | 2.0           |                 | 2.0  |                  |     |  |  | 所定選修(Elective Courses) | 全英授課(Full English Course) |
| 生技產業經營(Entrepreneurial management of biotech industry)                               | 選(E)       | 2.0           |                 | 2.0  |                  |     |  |  | 所定選修(Elective Courses) |                           |
| 生物列印特論(Special topics on bioprinting)  | 選(E)       | 2.0           |                 | 2.0  |                  |     |  |  | 所定選修(Elective Courses) |                           |
| 生醫材料產業趨勢與發展特論(Special topics on trends & evolution for biomedical material industry) | 選(E)       | 2.0           |                 | 2.0  |                  |     |  |  | 所定選修(Elective Courses) |                           |
| 有限元素模擬分析(Finite element method & analysis)   | 選(E)       | 2.0           |                 | 2.0  |                  |     |  |  | 所定選修(Elective Courses) |                           |
| 當代牙醫新知與科技(Current dental knowledge & technology)                                     | 選(E)       | 2.0           |                 | 2.0  |                  |     |  |  | 所定選修(Elective Courses) |                           |
| 齒顎矯正學特論(Special topics in orthodontics)  | 選(E)       | 4.0           |                 | 4.0  |                  |     |  |  | 所定選修(Elective Courses) | 全英授課(Full English Course) |
| 應用人因工程學(Applied ergonomics)  | 選(E)       | 2.0           |                 | 2.0  |                  |     |  |  | 所定選修(Elective Courses) |                           |
| 臨床IRB審查及生技發展(Clinical IRB review system & Biotechnology)                             | 選(E)       | 2.0           |                 | 2.0  |                  |     |  |  | 所定選修(Elective Courses) |                           |
| 臨床口腔醫療(Clinical observation on oral medicine)  | 選(E)       | 2.0           |                 | 2.0  |                  |     |  |  | 所定選修(Elective Courses) |                           |
| 臨床論文寫作與論解析(Strategic analysis & writing of clinical articles)                        | 選(E)       | 2.0           |                 | 2.0  |                  |     |  |  | 所定選修(Elective Courses) |                           |
| 醫療器材管理與法規(Management & regulation of medical devices)                                | 選(E)       | 2.0           |                 | 2.0  |                  |     |  |  | 所定選修(Elective Courses) |                           |
| 專題討論(四)(Seminar(IV))   | 選(E)       | 1.0           |                 |      |                  | 1.0 |  |  | 所定選修(Elective Courses) | 全英授課(Full English Course) |
| 合計 選修總學分 (Elective subtotal)   |            | 63.0          | 28.0            | 34.0 |                  | 1.0 |  |  |                        |                           |

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