

中國醫藥大學 牙醫學院牙醫學系博士班 必修 畢業學分認定表 112 學年度入學適用

China Medical University Ph.D.Program in Graduate Institute of Dental Sciences Requirement for Ph.D. Program (Applicable for 2023-2024 Enro

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列印日期(Date) : 112/8/9

科目名稱 Course Title	修別 Type	學分 Credits	一年級 1 st year		二年級 2 nd year		三年級 3 rd year		四年級 4 th year		五年級 5 th year		六年級 6 th year		七年級 7 th year		課程分類 Category	備註 Remarks
			上	下	上	下	上	下	上	下	上	下	上	下	上	下		
			1	2	1	2	1	2	1	2	1	2	1	2	1	2		
分子醫學(Molecular medicine)	必(R)	2.0	2.0														院定必修(College Required Courses)	院定必修(全英授課)
專題討論(一)(Seminar(I))	必(R)	1.0	1.0														所定必修(Required Courses)	全英語授課(Full English course)
專題討論(二)(Seminar(II))	必(R)	1.0		1.0													所定必修(Required Courses)	院定必修, 全英語授課(Full English course)
專題討論(三)(Seminar(III))	必(R)	1.0			1.0												所定必修(Required Courses)	全英語授課(Full English course)
專題討論(四)(Seminar(IV))	必(R)	1.0				1.0											所定必修(Required Courses)	院定必修, 全英語授課(Full English course)
博士論文(Ph. D. dissertation)	必(R)	12.0						12.0									校定必修-論文(University Required Courses-Thesis)	
合計 必修總學分(Requirement subtotal)		18.0	3.0	1.0	1.0	1.0	0.0	12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		

校內注意事項

- 校級畢業規定
 - 須完成修讀「實驗室安全」0學分、「研究倫理」0學分及「現代生物醫學講座」4學分課程。
 - 須通過校定博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)
 - 教學助理訓練：博士生須完成至少2學期之教學助理訓練。(外籍生免修)
- 本學分表做為畢業應修課程學分之認定依據。

牙醫學系博士班注意事項

- 教育目標：專業精神、獨立思考、優質研究。
- 112學年度入學新生實施，博士班修業年限2-7年，博士班至少應修畢32學分始可畢業。必修10學分(含校定必修、院定必修、所定必修)、選修10學分、博士論文12學分。
- 依據本校學則第80條規定：逕行修讀博士學位者，碩士班學生至少應修滿30學分(含碩士班期間所修學分數)，論文學分另計。碩士班逕修讀本博士班之學生，碩士班學分至多認列10學分。
- 博士班研究生須先通過資格考核，並發表已被接受之論文且為第一作者(其Impact factor 加起來大於等於4)後才可以申請博士學位考試。

單位主管簽章：

Note of CMU

- University requirement for graduation.
 - Students must take and pass the courses: Research Ethics (0 credit), Laboratory Safety (0 credit), and Lecture on Modern Biomedicine (4 credits).
 - According to the regulation of CMU Students' English Proficiency Assessment, students must pass the English Proficiency requirement before graduation. (Foreign students excluded)
 - Teaching assistant training: All PhD students must complete at least two semester of teaching assistant training. (Foreign students excluded)
- This list is used as the recognition basis of courses and credits required for graduation.

Note of Ph.D.Program in Graduate Institute of Dental Sciences

- Education Objective: Professionalism, Critical Thinking, Superior Research.
- Starting from the new 2023 admission students. For 2-7 years study, lowest 32 credits for graduation, including compulsory 10, elective 10, and thesis as 12 credits.
- Base on the University Law item 80: For those take Direct Course to Ph.D., one should complete at least 30 credits in the Master course(including the credits already taken in the graduate school of master degree), and not include the master thesis. Also, the credits in the graduate school of master degree can be admitted up to 10 credits.
- A Doctorate student should pass the Qualification Examination first, and then published papers, got accepted as first author (with a sum of impact factor over 4). A Doctorate student can apply for a Doctorate Candidate Oral Defense after completion of the above mentioned.

中國醫藥大學 牙醫學院牙醫學系博士班 選修 畢業學分認定表 112 學年度入學適用

China Medical University Ph.D.Program in Graduate Institute of Dental Sciences Elective for Ph.D. Program (Applicable for 2023-2024 Enrollees)

第 1 頁 / 共 2 頁

列印日期(Date) : 112/8/9

科目名稱 Course Title	修別 Type	學分 Credits	一年級 1 st year		二年級 2 nd year		三年級 3 rd year		四年級 4 th year		五年級 5 th year		六年級 6 th year		七年級 7 th year		課程分類 Category	備註 Remarks
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			1	2	1	2	1	2	1	2	1	2	1	2	1	2		
高等牙髓病診斷與治療學(Advanced endodontic diagnosis & treatment)	選(E)	2.0	2.0														所定選修(Elective Courses)	全英語授課(Full English course)
進階臨床論文寫作與論文解析(Advanced strategic analysis & writing of clinical articles)	選(E)	2.0	2.0														所定選修(Elective Courses)	全英語授課(Full English course)
進階臨床復學(一)(Advanced clinical prosthodontics(I))	選(E)	2.0	2.0														所定選修(Elective Courses)	全英語授課(Full English course)
數位牙科(Digital dentistry)	選(E)	2.0	2.0														所定選修(Elective Courses)	全英語授課(Full English course)
齒顎矯正力學暨影像分析(Biomechanics & image analysis)	選(E)	2.0	2.0														所定選修(Elective Courses)	全英語授課(Full English course)
醫療器材設計原理與專利佈局(Principles of medical equipment design & patent portfolio)	選(E)	2.0	2.0														所定選修(Elective Courses)	
3D列印醫材專題(3D printing of medical materials)	選(E)	2.0		2.0													所定選修(Elective Courses)	
牙科虛擬實境多媒體模擬(Dental VR & multimedia simulation)	選(E)	2.0		2.0													所定選修(Elective Courses)	全英語授課(Full English course)
在職醫療專業人才資源發展專論(Human Resources & Development for On-job Healthcare Providers)	選(E)	3.0		3.0													所定選修(Elective Courses)	
高等口腔腫瘤學(Advanced oral oncology)	選(E)	2.0		2.0													所定選修(Elective Courses)	
發育生物學(Developmental biology)	選(E)	2.0		2.0													所定選修(Elective Courses)	全英語授課(Full English course)
電腦輔助設計與工程(Computer aided design & engineering)	選(E)	2.0		2.0													所定選修(Elective Courses)	
牙齒幹細胞生物學(Stem cell biology in dental sciences)	選(E)	2.0		2.0													所定選修(Elective Courses)	全英語授課(Full English course)
功能性齒顎矯正學(Functional orthodontics)	選(E)	2.0		2.0													所定選修(Elective Courses)	全英語授課(Full English course)
高等生物醫學材料(Advanced biomedical materials)	選(E)	2.0		2.0													所定選修(Elective Courses)	
高等兒童牙醫學(Advanced pediatric dentistry)	選(E)	2.0		2.0													所定選修(Elective Courses)	全英語授課(Full English course)
進階口腔植體學(一)(Advanced oral implantology(I))	選(E)	2.0		2.0													所定選修(Elective Courses)	全英語授課(Full English course)
電腦輔助口腔暨顎顏面手術(Computer-aided oral & maxillofacial surgery)	選(E)	2.0		2.0													所定選修(Elective Courses)	
當代牙科議題(Current issues in dentistry)	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(五)(Seminar(V))	選(E)	1.0				1.0											所定選修(Elective Courses)	全英語授課(Full English course)
專題討論(六)(Seminar(VI))	選(E)	1.0					1.0										所定選修(Elective Courses)	全英語授課(Full English course)
合計 選修總學分(Elective subtotal)		43.0	12.0	13.0	12.0	4.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		

校內注意事項

Note of CMU

一、校級畢業規定

(一)須完成修讀「實驗室安全」0學分、「研究倫理」0學分及「現代生物醫學講座」4學分課程。

(二)須通過校定博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：博士生須完成至少2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。

1.University requirement for graduation.

(1)Students must take and pass the courses: Research Ethics (0 credit), Laboratory Safety (0 credit), and Lecture on Modern Biomedicine (4 credits).

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