

中國醫藥大學 公共衛生學院職業安全與衛生學系碩士班 必修畢業學分認定表 112 學年度入學適用

China Medical University Graduate Institute of Occupational Safety and Health Requirement for Master Program (Applicable for 2023-2024 Enrollees)

科目名稱 Course Title	修別 Type	學分 Credits	一年級 Freshman		二年級 Sophomore		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
			上	下	上	下				
			1	2	1	2				
流行病學(Epidemiology)	必(R)	4.0	4.0						院定必修(College Required Courses)	
專題討論(一)(Seminar (I))	必(R)	1.0	1.0					√	所定必修(Required Courses)	全英文授課
專題討論(一)(Seminar (I))	必(R)	1.0		1.0				√	所定必修(Required Courses)	全英文授課
專題討論(二)(Seminar (II))	必(R)	1.0			1.0			√	所定必修(Required Courses)	全英文授課
專題討論(二)(Seminar (II))	必(R)	1.0				1.0		√	所定必修(Required Courses)	全英文授課
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	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。

職業安全與衛生學系碩士班注意事項

- 一、教育目標：1. 強化學生之思辨及語文表達學養 2. 參與及發展職業安全與衛生科技研究 3. 養成學生具有結合學理與實務知能。
- 二、112學年入學新生實施，本系碩士班修業2年，最低畢業學分為32學分，含專題討論必修4學分，流行病學必修4學分，選修18學分(其中各領域核心選修6學分、跨領域核心選修2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(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 Graduate Institute of Occupational Safety and Health

1. Educational objectives: (1) Strengthen students’ ability to think critically and communicate effectively; (2) participate in occupational safety and health research; (3) foster the ability to integrate theories and practices and apply to real-world problems.
2. For student enrolled in 2023: The Master program is typically completed in two years. A minimum of 32 credits and a master thesis are required. The courses required to complete include a 4-credit Epidemiology, a 4-credit Seminar (one each semester), a 6-credit M.S. Thesis, and 18-credit elective courses. Among the electives, the Master program students are required to take 6 credits of core electives from the student’s research area (Occupational Safety or Occupational Health area), two credits of core electives from the other research area (cross-major research area).

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China Medical University Graduate Institute of Occupational Safety and Health Elective for Master Program (Applicable for 2023-2024 Enrollees)

科目名稱 Course Title	修別 Type	學分 Credits	一年級 Freshman		二年級 Sophomore		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
			上	下	上	下				
			1	2	1	2				
工作生理與心理負荷評估(Physical & mental workload assessment)	選(E)	2.0	2.0					√	所定選修(Elective Courses)	
生物性危害評估(Biohazards)	選(E)	2.0	2.0					√	所定選修(Elective Courses)	
生物統計(一)(Biostatistics (I))	選(E)	2.0	2.0					√	所定選修(Elective Courses)	
安全工程(Safety engineering)	選(E)	2.0	2.0				√		所定選修-職業安全組	職業安全領域核心選修
室內環境品質(Indoor environmental quality)	選(E)	2.0	2.0					√	所定選修(Elective Courses)	
氣膠學(Aerosol technology)	選(E)	2.0	2.0					√	所定選修(Elective Courses)	
環境化學(Environmental chemistry)	選(E)	2.0	2.0					√	所定選修(Elective Courses)	
職場身心健康促進(Workplace mental & physiological health promotion)	選(E)	2.0	2.0					√	所定選修(Elective Courses)	全英文授課
職業與環境毒物學(Occupational & environmental toxicology)	選(E)	2.0	2.0					√	所定選修(Elective Courses)	全英文授課
職業衛生(Occupational hygiene)	選(E)	2.0	2.0				√		所定選修-職業衛生組	職業衛生領域核心選修，全英文授課
工業安全管理(Industrial safety management)	選(E)	2.0		2.0				√	所定選修(Elective Courses)	
生物統計(二)(Biostatistics (II))	選(E)	2.0		2.0				√	所定選修(Elective Courses)	
安全科學原理(Fundamental of safety sciences)	選(E)	2.0		2.0			√		所定選修-職業安全組	職業安全領域核心選修，全英文授課
污染物傳輸(Transport of contaminants)	選(E)	2.0		2.0				√	所定選修(Elective Courses)	
作業環境控制工程(Engineering control of workplace environment)	選(E)	2.0		2.0			√		所定選修-職業衛生組	職業衛生領域核心選修，全英文授課
作業環境測定(Environmental monitoring at workplace)	選(E)	2.0		2.0			√		所定選修-職業衛生組	職業衛生領域核心選修
防火防爆(Fire & explosion prevention)	選(E)	2.0		2.0				√	所定選修(Elective Courses)	
研究設計(Research design)	選(E)	2.0		2.0				√	所定選修(Elective Courses)	
風險危害評估(Risk & hazard assessment)	選(E)	2.0		2.0				√	所定選修(Elective Courses)	全英文授課
暴露評估與生物偵測(Exposure assessment & biological monitoring)	選(E)	2.0		2.0				√	所定選修(Elective Courses)	
論文與研究計畫寫作(Scientific writing)	選(E)	2.0		2.0				√	所定選修(Elective Courses)	全英文授課
噪音與振動控制(Control of noise & vibration)	選(E)	2.0		2.0				√	所定選修(Elective Courses)	
優良實驗室規範(Good laboratory practice)	選(E)	2.0		2.0				√	所定選修(Elective Courses)	
應用人因工程(Applied ergonomics)	選(E)	2.0		2.0			√		所定選修-職業安全組	職業安全領域核心選修，全英文授課
職業流行病學(Occupational epidemiology)	選(E)	2.0		2.0				√	所定選修(Elective Courses)	
專業英文文獻選讀(Reading of professional literatures)	選(E)	2.0			2.0			√	所定選修(Elective Courses)	全英文授課
製程安全(Chemical process safety)	選(E)	2.0			2.0			√	所定選修(Elective Courses)	
環境管理(Environmental management)	選(E)	2.0			2.0			√	所定選修(Elective Courses)	
半導體製程安全(Process safety in semiconductor manufactory)	選(E)	2.0				2.0		√	所定選修(Elective Courses)	
健康與環境風險評估(Health & environmental risk assessment)	選(E)	2.0				2.0		√	所定選修(Elective Courses)	
職業安全衛生管理實務特論(Special topics on occupational safety & health magagement)	選(E)	2.0				2.0		√	所定選修(Elective Courses)	
職業醫學與健康管理(Occupational medicine & health management)	選(E)	2.0				2.0		√	所定選修(Elective Courses)	
合計 選修總學分 (Elective subtotal)		64.0	20.0	30.0	6.0	8.0				

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