

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 113 學年度入學適用
China Medical University Graduate Institute of Occupational Safety and Health Requirement for Master Program (Applicable for 2024-2025 Enrollees)

第 1 頁 / 共 1 頁

列印日期(Date)：113年8月26日

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(Seminar on special topic)	必(R)	1.0	1.0					√	所定必修(Required Courses)	全英文授課
專題討論(Seminar on special topic)	必(R)	1.0		1.0				√	所定必修(Required Courses)	全英文授課
專題討論(Seminar on special topic)	必(R)	1.0			1.0				所定必修(Required Courses)	全英文授課
專題討論(Seminar on special topic)	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、113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 2024: 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) in order to broaden professional competence.

中國醫藥大學 公共衛生學院職業安全與衛生學系碩士班 選修畢業學分認定表 113 學年度入學適用

China Medical University Graduate Institute of Occupational Safety and Health Elective for Master Program (Applicable for 2024-2025 Enrollees)

第 1 頁 / 共 2 頁

列印日期(Date)：113年8月26日

科目名稱 Course Title	修別 Type	學分 Credits	一年級 Freshman		二年級 Sophomore		可供博士班上修 (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)	
環境污染物分析(Chemical Analysis of Environmental Pollutants)	選(E)	2.0	2.0					√	所定選修(Elective Courses)	全英文授課
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)	全英語授課
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 management)	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)		66.0	22.0	30.0	6.0	8.0				

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