

中國醫藥大學 健康照護學院物理治療學系復健科學碩士班 選修畢業學分認定表 113 學年度入學適用

China Medical University Department of Physical Therapy, Graduate Institute of Rehabilitation Science Elective for Master Program (Applicable for 2024-2025 Enrollees)

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列印日期(Date)：113年4月16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				
人類疾病與動物模式(Human disease & its related animal models)	選(E)	2.0	2.0						所定選修(Elective Courses)	採全英語教學，1130327校課程委員會議通過修改。(Full English course, revision approved by the University Curriculum Committee on 2024.03.27.)
人體動作科學之研究原理(Research fundamentals in human movement science)	選(E)	2.0	2.0						所定選修(Elective Courses)	採全英語教學，1130327校課程委員會議通過修改。(Full English course, revision approved by the University Curriculum Committee on 2024.03.27.)
安卓程式設計(Android programming)	選(E)	2.0	2.0						所定選修(Elective Courses)	採全英語教學，1110320校課程委員會議通過修改。(Full English course, revision approved by the University Curriculum Committee on 2022.03.20.)
兒童運動醫學特論(Special topics on pediatric exercise science)	選(E)	2.0	2.0						所定選修(Elective Courses)	採全英語教學，1090325校課程委員會議通過新增。(Full English course, new course approved by the University Curriculum Committee on 2020.03.25.)
物理治療之實證醫學(Evidence based practice in clinical physical therapy)	選(E)	2.0	2.0						所定選修(Elective Courses)	1060322校課程委員會議通過新增。(New course approved by the University Curriculum Committee on 2017.03.22.)
復健科學研究方法與技術(Research methods & techniques in rehabilitation science)	選(E)	2.0	2.0						所定選修(Elective Courses)	採全英語教學，1050330校課程委員會議通過新增。(Full English course, new course approved by the University Curriculum Committee on 2016.03.30.)
復健科學獨立研究(一)(Independent studies on rehabilitation science (I))	選(E)	1.0	1.0						所定選修(Elective Courses)	採全英語教學，1121024校課程委員會議通過修改。(Full English course, revision approved by the University Curriculum Committee on 2023.10.24.)
應用生理學特論(Special topics on applied physiology)	選(E)	2.0	2.0						所定選修(Elective Courses)	
應用細胞分子生物學(Applied cell & molecular biology)	選(E)	2.0	2.0						所定選修(Elective Courses)	1060322校課程委員會議通過修改。(Revision approved by the University Curriculum Committee on 2017.03.22.)
老人物理治療與長期照護(Geriatric physical therapy & long-term care)	選(E)	2.0		2.0					所定選修(Elective Courses)	1120329校課程委員會議通過新增。(New course approved by the University Curriculum Committee on 2023.03.29.)

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物理治療藥物學特論(Special topics of pharmacology in physical therapy)	選(E)	2.0		2.0					所定選修(Elective Courses)	1060322校課程委員會通過新增。(New course approved by the University Curriculum Committee on 2017.03.22.)
科學研究思辨(Critical thinking within scientific research)	選(E)	2.0		2.0					所定選修(Elective Courses)	採線上教學，1090325校課程委員會通過新增。外籍生課程替代(請參考注意事項*)。(Online teaching, new course approved by the University Curriculum Committee on 2020.03.25. Alternative Curriculum for foreign students (Please refer to Notes*1).)
疼痛科學與研究方法(Pain science & reasearch methods)	選(E)	2.0		2.0					所定選修(Elective Courses)	
動作科學之神經行為基礎(Neurobehavioral basis of movement science)	選(E)	2.0		2.0					所定選修(Elective Courses)	1060322校課程委員會通過修改。(Revision approved by the University Curriculum Committee on 2017.03.22.)
動作評估測驗理論與實務(Measurement theory and practice of motor assessment)	選(E)	2.0		2.0					所定選修(Elective Courses)	採全英語教學，1130327校課程委員會通過修改。(Full English course, revision approved by the University Curriculum Committee on 2024.03.27.)
復健科學研究資料工程(Data engineering for research in rehabilitation science)	選(E)	2.0		2.0					所定選修(Elective Courses)	採全英語教學，1130327校課程委員會通過修改。(Full English course, revision approved by the University Curriculum Committee on 2024.03.27.)
復健科學獨立研究(二)(Independent studies on rehabilitation science (II))	選(E)	1.0		1.0					所定選修(Elective Courses)	採全英語教學，1121024校課程委員會通過修改。(Full English course, revision approved by the University Curriculum Committee on 2023.10.24.)
復健產業創新與設計(Innovation & Design in Rehabilitation Industry)	選(E)	2.0		2.0					所定選修(Elective Courses)	採全英語教學，1130327校課程委員會通過修改。(Full English course, revision approved by the University Curriculum Committee on 2024.03.27.)
臨床神經肌肉骨骼生物力學(Clinical neuromusculoskeletal biomechanics)	選(E)	2.0		2.0					所定選修(Elective Courses)	採全英語教學，1130327校課程委員會通過修改。(Full English course, revision approved by the University Curriculum Committee on 2024.03.27.)

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心肺復健特論(Special topics on cardiopulmonary rehabilitation)	選(E)	2.0			2.0				所定選修(Elective Courses)	採全英語教學，1110320校課程委員會通過修改。(Full English course, revision approved by the University Curriculum Committee on 2022.03.20.)
物理治療臨床影像學特論(Special topic of clinical imaging for physical therap)	選(E)	2.0			2.0				所定選修(Elective Courses)	1060322校課程委員會通過新增。(New course approved by the University Curriculum Committee on 2017.03.22.)
物理治療鑑別診斷(Differential diagnosis for physical therapists)	選(E)	3.0			3.0				所定選修(Elective Courses)	1060322校課程委員會通過新增。(New course approved by the University Curriculum Committee on 2017.03.22.)
復健科學獨立研究(三)(Independent studies on rehabilitation science (III))	選(E)	1.0			1.0				所定選修(Elective Courses)	採全英語教學，1121024校課程委員會通過修改。(Full English course, revision approved by the University Curriculum Committee on 2023.10.24.)
英文期刊論文寫作(Journal-style scientific writings)	選(E)	2.0			2.0				所定選修(Elective Courses)	採全英語教學，1030327校課程委員會通過修改。(Full English course, revision approved by the University Curriculum Committee on 2014.03.27.)
專題討論(四)(Seminar (IV))	選(E)	1.0			1.0				所定選修(Elective Courses)	採全英語教學，1120329校課程委員會通過修改。(Full English course, revision approved by the University Curriculum Committee on 2023.03.29.)
復健科學獨立研究(四)(Independent studies on rehabilitation science (IV))	選(E)	1.0			1.0				所定選修(Elective Courses)	採全英語教學，1121024校課程委員會通過修改。(Full English course, revision approved by the University Curriculum Committee on 2023.10.24.)
合計 選修總學分 (Elective subtotal)		48.0	17.0	19.0	8.0	4.0				

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。

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.

物理治療學系復健科學碩士班注意事項

Note of Department of Physical Therapy, Graduate Institute of Rehabilitation Science

一、教育目標：

1. 培育具國際觀且具實證操作能力的復健科學研究人才。
 2. 發展復健臨床與基礎科學結合的研究，提升復健科學的新知識。
 3. 整合巨觀到微觀的研究人才，創新復健科學的學術發展。
- 二、113學年度入學新生實施，本所最低畢業學分為30學分，含必修11學分，選修13學分，碩士論文學分6學分。
- 三、課程替代認定表應由原開課教師與指導教授簽名認定。

外籍生課程替代：

- (*1). 外籍生可修習經指導教授同意的校內全英授課且學分數相同之課程作為替代課程。
- (*2). 外籍生可選擇全英授課之選修課程「復健科學研究方法與技術」作為替代課程。
- (*3). 外籍生可修習校內與統計相關且學分數相同之科目作為替代課程。

1. Objective

- 1.1. To cultivate researchers with international vision and evidence-based practice competency in rehabilitation sciences
 - 1.2. To conduct research integrating rehabilitation practice and basic sciences to explore new knowledge regarding rehabilitation sciences
 - 1.3. To recruit macro and micro researchers to innovate the academic development in rehabilitation sciences
2. Applicable to students enrolled in the Academic year of 2024, a minimum of 30 credits required to graduate, including 11 credits of mandatory courses, 13 credits of selective courses, and 6 credits of M.S. Thesis
3. The course substitute form has to be signed by the original course coordinator and the Principal Advisor.

Alternative Curriculum for foreign students:

- (*1). Critical thinking within scientific research: With explicit permission from the Principal Advisor, foreign students may elect to complete another course taught in English with an equivalent credit hours provided by the University as a substitute.
- (*2). Research methods and techniques: Foreign students may elect to complete the equivalent English course “Research methods and techniques in rehabilitation science” provided by the Department as a substitute.
- (*3). Research design and statistical analysis: Foreign students may elect to complete another statistical course with an equivalent credit hours provided by the University as a substitute.

單位主管簽章：