

中國醫藥大學 中醫學院中國藥學暨中藥資源學系 必修畢業學分認定表 112 學年度入學適用

China Medical University Department of Chinese Pharmaceutical Sciences and Chinese Medicine Resources Requirement for Undergraduate Majors (Applicable for 2023-2024 Enrollees)

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列印日期(Date)：112年8月2日

科目名稱 Course Title	修別 Type	學分 Credits	一年級		二年級		三年級		四年級		課程分類 Category	備註 Remarks
			Freshman		Sophomore		Junior		Senior			
			上	下	上	下	上	下	上	下		
中醫學概論(A)(Introduction to Chinese medicine (A))	必(R)	2.0	2.0								系定必修(Departmental Required Courses)	中草藥生物技術學分學程課程
中藥概論(Introduction to Chinese pharmacy)	必(R)	2.0	2.0								系定必修(Departmental Required Courses)	中草藥生物技術學分學程課程
生物學(C)(Biology(C))	必(R)	2.0	2.0								系定必修(Departmental Required Courses)	
普通化學(C)(General chemistry (C))	必(R)	2.0	2.0								系定必修(Departmental Required Courses)	
分析化學(B)(Analytical chemistry (B))	必(R)	2.0		2.0							系定必修(Departmental Required Courses)	
生理學(C)(Physiology (C))	必(R)	3.0		3.0							系定必修(Departmental Required Courses)	
有機化學(A)(Organic chemistry(A))	必(R)	2.0		2.0							系定必修(Departmental Required Courses)	
本草學(Pents' aology)	必(R)	2.0			2.0						系定必修(Departmental Required Courses)	
生物化學(A-1)(Biochemistry(A-1))	必(R)	2.0			2.0						系定必修(Departmental Required Courses)	
藥用植物學(Medicinal botany)	必(R)	2.0			2.0						系定必修(Departmental Required Courses)	中草藥生物技術學分學程課程
藥用植物學實驗(Medicinal botany laboratory)	必(R)	1.0			1.0						系定必修(Departmental Required Courses)	中草藥生物技術學分學程課程
生物化學(A-2)(Biochemistry(A-2))	必(R)	2.0				2.0					系定必修(Departmental Required Courses)	
微生物學及免疫學(D)(Microbiology & immunology (D))	必(R)	2.0				2.0					系定必修(Departmental Required Courses)	
藥用植物學(Medicinal botany)	必(R)	1.0				1.0					系定必修(Departmental Required Courses)	中草藥生物技術學分學程課程
藥用植物學實驗(Medicinal botany laboratory)	必(R)	1.0				1.0					系定必修(Departmental Required Courses)	中草藥生物技術學分學程課程
藥理學(E-1)(Pharmacology (E-1))	必(R)	2.0				2.0					系定必修(Departmental Required Courses)	
中藥炮製學(Processing of Chinese materia medic)	必(R)	2.0					2.0				系定必修(Departmental Required Courses)	中草藥生物技術學分學程課程
中藥炮製學實驗(Processing of Chinese materia medica laboratory)	必(R)	1.0					1.0				系定必修(Departmental Required Courses)	中草藥生物技術學分學程課程
中藥藥物學(Chinese medicine pharmacology)	必(R)	2.0					2.0				系定必修(Departmental Required Courses)	中草藥生物技術學分學程課程
生藥學(Pharmacognosy)	必(R)	2.0					2.0				系定必修(Departmental Required Courses)	中草藥生物技術學分學程課程
生藥學實驗(Pharmacognosy laboratory)	必(R)	1.0					1.0				系定必修(Departmental Required Courses)	中草藥生物技術學分學程課程
儀器分析(Instrumental analysis)	必(R)	2.0					2.0				系定必修(Departmental Required Courses)	中草藥生物技術學分學程課程
藥理學(E-2)(Pharmacology (E-2))	必(R)	2.0					2.0				系定必修(Departmental Required Courses)	
中藥品質管制學(Quality control of Chinese materia medica)	必(R)	2.0						2.0			系定必修(Departmental Required Courses)	中草藥生物技術學分學程課程
中藥品質管制學實驗(Quality control of Chinese materia medica laboratory)	必(R)	1.0						1.0			系定必修(Departmental Required Courses)	中草藥生物技術學分學程課程
中藥藥理學(Pharmacology of Chinese materia medica)	必(R)	2.0						2.0			系定必修(Departmental Required Courses)	中草藥生物技術學分學程課程
中藥藥理學實驗(Pharmacology of Chinese materia medica laboratory)	必(R)	1.0						1.0			系定必修(Departmental Required Courses)	
方劑學(Formula and prescription in TCM)	必(R)	2.0						2.0			系定必修(Departmental Required Courses)	中草藥生物技術學分學程課程
方劑學實驗(Experiments of formula and prescription in TCM laboratory)	必(R)	1.0						1.0			系定必修(Departmental Required Courses)	中草藥生物技術學分學程課程
生藥學(Pharmacognosy)	必(R)	1.0						1.0			系定必修(Departmental Required Courses)	中草藥生物技術學分學程課程
生藥學實驗(Pharmacognosy laboratory)	必(R)	1.0						1.0			系定必修(Departmental Required Courses)	中草藥生物技術學分學程課程
儀器分析(Instrumental analysis)	必(R)	2.0						2.0			系定必修(Departmental Required Courses)	中草藥生物技術學分學程課程
儀器分析實驗(Instrumental analysis laboratory)	必(R)	1.0						1.0			系定必修(Departmental Required Courses)	中草藥生物技術學分學程課程
中藥實務實習(Internship of Chinese pharmacy & manufacture practice)	必(R)	4.0							4.0		系定必修(Departmental Required Courses)	自108學年度起配合臺教高(二)字第1080055526號實施)調整實習學分。
中藥調劑學(Dispensing of Chinese pharmacy)	必(R)	2.0							2.0		系定必修(Departmental Required Courses)	
生物統計學(Biostatistics)	必(R)	2.0							2.0		系定必修(Departmental Required Courses)	
儀器分析實驗(Instrumental analysis laboratory)	必(R)	1.0							1.0		系定必修(Departmental Required Courses)	中草藥生物技術學分學程課程

中國醫藥大學 中醫學院中國藥學暨中藥資源學系 必修畢業學分認定表 112 學年度入學適用
China Medical University Department of Chinese Pharmaceutical Sciences and Chinese Medicine Resources Requirement for Undergraduate
Majors (Applicable for 2023-2024 Enrollees)

第 2 頁 / 共 3 頁

列印日期(Date)：112年8月2日

科目名稱 Course Title	修別 Type	學分 Credits	一年級		二年級		三年級		四年級		課程分類 Category	備註 Remarks
			Freshman		Sophomore		Junior		Senior			
			上	下	上	下	上	下	上	下		
藥事法規(Pharmaceutical laws & regulations)	必(R)	1.0							1.0		系定必修(Departmental Required Courses)	
中藥栽培學(Cultivatology of Chinese materia meddica)	必(R)	2.0							2.0		系定必修(Departmental Required Courses)	
合計 必修 總學分(Requirement subtotal)		68.0	8.0	7.0	7.0	8.0	12.0	14.0	10.0	2.0		

校內注意事項

112學年度入學生畢業學分認定表備註：

- 一、畢業前必須通過英文鑑定，方能畢業。相關規定依本校「學生英文能力鑑定實施辦法」辦理。
- 二、體育課一年級為必修，每學期0學分，不及格不得畢業。大學部二年級以上為選修，每學期一學分。
- 三、國防軍事訓練改為選修，每週上課2小時為1學分，成績及格者，83年次以前同學以每8堂課折算1日役期(1門課折抵4日役期，2門課折抵9日役期，以此類推)。83年次以後同學每門課折抵2日訓期。

四、通識教育課程分為正式課程及通識教育活動：

(一)正式課程：必修28學分

1. 英文必修4學分

英文課程採分級制，分級以大學指考及學測成績為依據，分級結果於選課前公告。如達該學系英文畢業檢定標準，經所屬學系審核通過，得免修英文4學分，相關細則依「中國醫藥大學英文暨英語聽講必修課程免修學分實施要點」規定辦理。

2. 資訊相關課程 (2學分)

3. 服務學習課程 (1學分)

4. 通識課程 (21學分)

(1) 核心通識課程：至少修習10學分，五大類中至少任選三大類。

- A. 語文類：國文、英文進階課程及第二外語課程等。
- B. 人文藝術類：文學藝術類、歷史文明類等。
- C. 社會科學類：法政類；社會、心理、人類、教育、性別研究類；管理、經濟類等。
- D. 自然科學類：基礎科學類；生命科學類；應用科學類；科學技術類等。
- E. 運動知能類：如運動心理學、運動生理學、國際賽事分析與博奕事業、運動與健康的學理探討等學術類課程。如屬該學系之必選修課程者，將設限不得認列為通識學分。

(2) 跨學院通識課程：至少須修習跨學院課程4學分。

(二) 通識教育活動：0學分，學生須於在學期間參與至少16小時通識教育中心所認定之演講與校外所舉辦之展演活動；成績以通過/不通過計分。相關細則依「通識教育活動實施要點」規定辦理。

五、服務學習時數：需修習通識必修1學分(可認列18小時服務學習課程)(醫學系、中醫學系另於下學期開設系上必修1學分)之服務學習課程，以及6小時志願服務基礎教育訓練、6小時服務學習講座參與、18小時志工服務(不含服務學習講座)，共計需完成48小時之服務學習時數，始符合畢業資格。

※志願服務基礎訓練由學務處服務學習中心舉辦(另行公告)，其他未盡事宜請詳閱「服務學習課程實施要點」(學務處服務學習中心網頁)。

六、畢業前必須參加校內舉辦之基礎心肺復甦術訓練，方具畢業資格。相關規定依本校「學生基礎心肺復甦術訓練實施要點」辦理。

七、本學分表做為畢業學分認定之依據。

Note of CMU

For students enrolled in the fall semester of 2023:

1. According to the regulation of CMU Students' English Proficiency Assessment, Students must pass the minimal English Proficiency Requirement before graduation.
2. Taking Physical Education Course is compulsory for first year students (0 credits), students must pass to graduate. For second year or above, Physical Education is elective with 1 credit per semester.
3. Defense Education Military Training Course is elective, with 2 hours per week (1 credit).
4. General education courses consist of formal courses and general education activities:

(1) Formal courses: 28 required credits

i. English (4 credits): A level-based class grouping system is adopted based on students' score of the entrance examination. Students who meet the department's English graduation standard and are approved by the department can be exempted from the course.

ii. Technology Information-related courses (2 credits)

iii. Service learning courses (1 credit)

iv. General education courses (21 credits)

Core general education courses: Minimum of 10 credits, with at least three of the five categories. (Language, Humanities and arts, Social sciences, Natural sciences, Sports)

Cross-college general education courses: Minimum of 4 credits.

(2) General education activities: 0 credits. Students must participate in at least 16 hours of activities held by the General Education Center, scores will be marked as pass/fail.

5. Service learning hours: 1 credit of compulsory general education (can be listed in 18 hours of service learning courses) (School of Medicine and Chinese Medicine will offer 1 credit of compulsory course in the 2nd semester), 6 hours of voluntary service basic training, 6 hours participation service-learning lectures, and 18 hours of volunteer service. A total of 48 hours is required to be eligible for graduation.

※ Voluntary service basic training will be held by the Office of Student Affairs (to be announced).

6. Students must participate in the basic cardiopulmonary resuscitation training held by the university before graduation.

7. This list is used as the recognition basis of courses and credits required for graduation

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China Medical University Department of Chinese Pharmaceutical Sciences and Chinese Medicine Resources Requirement for Undergraduate Majors (Applicable for 2023-2024 Enrollees)

中國藥學暨中藥資源學系注意事項

Note of Department of Chinese Pharmaceutical Sciences and Chinese Medicine Resources

一、教育目標：

- (一) 培育中草藥鑑定及資源與新藥開發之人才
- (二) 培育中草藥品質管制及生物技術研發之人才
- (三) 培育中草藥相關產業管理與行銷之人才
- (四) 培育具有結合傳統中藥與現代生物科技之人才

二、112學年度入學新生實施，本系四年制，最低畢業學分為128學分及實習學分4學分，核心必修課程64學分，通識28學分及選修36學分。

三、中藥實務實習：第三學年暑假實施，實習期間為2個月，其實習起始日為7月1日起至8月31日止，或依實習單位規定之起始日期。

四、本學分表做為畢業學分認定之依據。

1. Education Objective:

- (1) Cultivating talents in the identification and development of traditional Chinese herbal medicine resources and new drug development.
- (2) Cultivating talents in the quality control of traditional Chinese herbal medicine and the research and development of biotechnology.
- (3) Cultivating talents in the management and marketing of industries related to traditional Chinese herbal medicine.
- (4) Cultivating talents who can integrate traditional Chinese medicine and modern biotechnology.

2. For students enrolled in the fall semester of 2023. This department is a four-year program with a minimum graduation requirement of 128 credits, including 4 credits of internship. The core compulsory courses account for 64 credits, general education courses account for 28 credits, and elective courses account for 36 credits.

3. Practical internship of Chinese pharmacy & manufacture: to be Implemented during the summer of the third academic year, with a duration of 2 months from July 1st to August 31st, or according to the starting date specified by the internship institution.

4. This credit list is used as the basis for recognizing the credits required for graduation.

單位主管簽章：