

中國醫藥大學 藥學院藥用化妝品學系 必修畢業學分認定表 110 學年度入學適用

China Medical University Requirement for Undergraduate Majors (Applicable for 2021-2022 Enrollees)

科目名稱/課號 Course Title/Course ID	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 1	下 2	上 1	下 2	上 1	下 2	上 1	下 2		
有機化學(B-1)(Organic chemistry(B-1))／15U000161	必(R)	2.0	2.0								系定必修(Departmental Required Courses)	
有機化學(B-2)(Organic chemistry(B-2))／15U000162	必(R)	2.0		2.0							系定必修(Departmental Required Courses)	
有機化學實驗(A)(Organic chemistry laboratory(A))／15U000163	必(R)	1.0		1.0							系定必修(Departmental Required Courses)	
化妝品材料學(Cosmetic materials)／15U000142	必(R)	3.0			3.0						系定必修(Departmental Required Courses)	
化妝品微生物學(Cosmetic microbiology)／15U000087	必(R)	2.0			2.0						系定必修(Departmental Required Courses)	
化妝品微生物學實驗(Cosmetic microbiology laboratory)／15U000091	必(R)	1.0			1.0						系定必修(Departmental Required Courses)	
化妝品材料學(Cosmetic materials)／15U000142	必(R)	3.0				3.0					系定必修(Departmental Required Courses)	
皮膚生理病理學(Dermatophysiology & dermatopathology)／15U000112	必(R)	2.0				2.0					系定必修(Departmental Required Courses)	
儀器分析(Instrumentation)／15U000049	必(R)	2.0				2.0					系定必修(Departmental Required Courses)	中草藥生物技術，生物技術學分學程(Chinese herbal medicine biotechnology credit program、Biotechnology credit program)
化妝品調製學(Cosmetic manufacture)／15U000066	必(R)	3.0					3.0				系定必修(Departmental Required Courses)	
化妝品調製學實驗(Cosmetic manufacture laboratory)／15U000106	必(R)	2.0					2.0				系定必修(Departmental Required Courses)	
包裝材料學(Packing meterial)／15U000105	必(R)	2.0					2.0				系定必修(Departmental Required Courses)	
皮膚藥理學(Skin pharmacology)／15U000131	必(R)	2.0					2.0				系定必修(Departmental Required Courses)	
界面化學(Surface chemistry)／15U000038	必(R)	2.0					2.0				系定必修(Departmental Required Courses)	
香料學(Perfumery)／15U000043	必(R)	2.0					2.0				系定必修(Departmental Required Courses)	
儀器分析(Instrumentation)／15U000049	必(R)	2.0					2.0				系定必修(Departmental Required Courses)	
化妝品調製學(Cosmetic manufacture)／15U000110	必(R)	2.0						2.0			系定必修(Departmental Required Courses)	
化妝品調製學實驗(Cosmetic manufacture laboratory)／15U000067	必(R)	1.0						1.0			系定必修(Departmental Required Courses)	
化妝品檢驗學(Cosmetic analysis)／15U000060	必(R)	3.0						3.0			系定必修(Departmental Required Courses)	
化妝品檢驗學實驗(Cosmetic analysis laboratory)／15U000061	必(R)	1.0						1.0			系定必修(Departmental Required Courses)	
皮膚藥理學(Skin pharmacology)／15U000131	必(R)	2.0						2.0			系定必修(Departmental Required Courses)	
儀器分析實驗(Instrumentation laboratory)／15U000140	必(R)	1.0						1.0			系定必修(Departmental Required Courses)	中草藥生物技術(Chinese herbal medicine biotechnology credit program)
工業化妝品學(Cosmetic industry)／15U000123	必(R)	2.0							2.0		系定必修(Departmental Required Courses)	
藥妝品學及實驗(Cosmeceutics & laboratory)／15U000165	必(R)	3.0							3.0		系定必修(Departmental Required Courses)	藥妝與設計學分學程(Cosmeceuticals and Design Credit Course)
化妝品法規(Regulations on cosmetics)／15U000069	必(R)	2.0								2.0	系定必修(Departmental Required Courses)	
合計 必修 總學分(Requirement subtotal)		50.0	2.0	3.0	6.0	7.0	15.0	10.0	5.0	2.0		

校內注意事項

Note of CMU

中國醫藥大學 藥學院藥用化妝品學系 必修畢業學分認定表 110 學年度入學適用

China Medical University Requirement for Undergraduate Majors (Applicable for 2021-2022 Enrollees)

110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。不得以選修體育抵免必選修體育。

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。

藥用化妝品學系注意事項

一、教育目標：

(1)培育化妝品研發、製造、檢驗、行銷及管理專業人才。

(2)培育中醫藥結合應用於化妝品科技的專業人才。

二、110學年度入學新生實施，本系四年制，最低畢業學分為128學分，含本系核心課程60學分(必修50學分、核心選修10學分)，通識28學分及選修40學分。

三、課程異動：每學期開課程檢討會，視情況修改。

四、本學分表做為畢業學分認定之依據。

單位主管簽章：

For students enrolled in the fall semester of 2021:

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.Students cannot use elective physical education to offset compulsory elective courses.

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

Note of

1.Educational goals:

(1)Cultivate professional talents in cosmetics research and development, manufacturing, inspection, marketing and management.

(2)Cultivate professional talents who can apply integrated medicine to cosmetics technology.

2.For students enrolled in 2021: The study period of the program is four years. The minimum number of credits required for graduation is 128, including 60 core courses credits (50 required courses credits and 10 elective core courses credits), 28 general education courses credits, and 40 elective courses credits.

3.Curriculum modifications: Curriculum review meetings will be held every semester and modifications will be made if necessary.

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

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			Freshman		Sophomore		Junior		Senior			
			上 1	下 2	上 1	下 2	上 1	下 2	上 1	下 2		
化妝品學導論(Introduction to cosmeceutics)／15U000156	選(E)	3.0	3.0								系定選修(Departmental Elective Courses)	
生物學(C)(Biology(C))／15U000172	選(E)	2.0	2.0								系定選修(Departmental Elective Courses)	
美容衛生學(Beauty & hygiene)／15U000114	選(E)	2.0	2.0								系定選修(Departmental Elective Courses)	
香藥植物概論(Introduction to herbs)／15U000116	選(E)	2.0	2.0								系定選修(Departmental Elective Courses)	
彩妝藝術學(Arts of make-up)／15U000046	選(E)	2.0	2.0								系定選修(Departmental Elective Courses)	
普通化學(C)(General chemistry (C))／15U000133	選(E)	2.0	2.0								系定選修(Departmental Elective Courses)	
普通化學實驗(B)(General chemistry laboratory (B))／15U000134	選(E)	1.0	1.0								系定選修(Departmental Elective Courses)	
微積分(一)(Calculus (I))／15U000102	選(E)	2.0	2.0								系定選修(Departmental Elective Courses)	
中醫學概論(B)(Introduction to Chinese Medicine (B))／15U000154	選(E)	2.0		2.0							系定選修(Departmental Elective Courses)	中醫藥學分學程(Chinese Medicine Credit Course)
中藥概論(Introduction to Chinese crude drugs)／15U000011	選(E)	2.0		2.0							系定選修(Departmental Elective Courses)	中醫藥學分學程，中草藥生物技術學分學程(Chinese Medicine Credit Course)
化妝品行銷管理學(Cosmetic marketing management)／15U000045	選(E)	2.0		2.0							系定選修(Departmental Elective Courses)	
生物學實驗(B)(Biology Laboratory(B))／15U000173	選(E)	1.0		1.0							系定選修(Departmental Elective Courses)	
美姿學(Poise & grace)／15U000034	選(E)	2.0		2.0							系定選修(Departmental Elective Courses)	
造型設計學(Formative design)／15U000050	選(E)	2.0		2.0							系定選修(Departmental Elective Courses)	
化妝品資訊管理學(Cosmetic information)／15U000040	選(E)	2.0			2.0						系定選修(Departmental Elective Courses)	
生物化學(B-1)(Biochemistry(B-1))／15U000159	選(E)	2.0			2.0						核心選修課程	核心課程(Main course)
生物化學實驗(B)(Biochemistry laboratory (B))／15U000149	選(E)	1.0			1.0						系定選修(Departmental Elective Courses)	
生理學(C)(Physiology (C))／15U000151	選(E)	3.0			3.0						核心選修課程	核心課程(Main course)
免疫學(Immunology)／15U000089	選(E)	2.0			2.0						系定選修(Departmental Elective Courses)	
營養與美容學(Nutrition & beauty)／15U000048	選(E)	2.0			2.0						系定選修(Departmental Elective Courses)	
生物化學(B-2)(Biochemistry(B-2))／15U000160	選(E)	2.0				2.0					核心選修課程	核心課程(Main course)
生物化學實驗(C)(Biochemistry laboratory (C))／15U000150	選(E)	1.0				1.0					系定選修(Departmental Elective Courses)	
物理化學(Physical chemistry)／15U000031	選(E)	3.0				3.0					核心選修課程	核心課程(Main course)
基礎實驗毒理與生物技術(Basic experimental toxicology and biotechnology)／15U000182	選(E)	2.0				2.0					系定選修(Departmental Elective Courses)	
專題研究(一)(Research (I))／15U000095	選(E)	1.0				1.0					系定選修(Departmental Elective Courses)	
分子細胞生物學(Molecular cell biology)／15U000096	選(E)	3.0					3.0				系定選修(Departmental Elective Courses)	
化妝心理學(Cosmetic psychology)／15U000051	選(E)	2.0					2.0				系定選修(Departmental Elective Courses)	
化妝品毒理學(Cosmetic toxicology)／15U000083	選(E)	2.0					2.0				系定選修(Departmental Elective Courses)	
包裝容器設計學(Design on package & software)／15U000041	選(E)	2.0					2.0				系定選修(Departmental Elective Courses)	藥妝與設計學分學程(Cosmeceuticals and Design Credit Course)
生物統計學(Biostatistics)／15U000153	選(E)	2.0					2.0				系定選修(Departmental Elective Courses)	
專題研究(二)(Research (II))／15U000097	選(E)	1.0					1.0				系定選修(Departmental Elective Courses)	
天然物化學(Natural product chemistry)／15U000144	選(E)	3.0						3.0			系定選修(Departmental Elective Courses)	中草藥生物技術(Chinese herbal medicine biotechnology credit program)
芳香療法(Aromatherapy)／15U000047	選(E)	2.0						2.0			系定選修(Departmental Elective Courses)	中草藥生物技術(Chinese herbal medicine biotechnology credit program)
美容護膚學原理(Principle of body care)／15U000052	選(E)	2.0						2.0			系定選修(Departmental Elective Courses)	
專題研究(三)(Research (III))／15U000169	選(E)	1.0						1.0			系定選修(Departmental Elective Courses)	
化妝品商品開發(Cosmetics product research and development)／15U000183	選(E)	2.0							2.0		系定選修(Departmental Elective Courses)	

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			Freshman		Sophomore		Junior		Senior			
			上 1	下 2	上 1	下 2	上 1	下 2	上 1	下 2		
化妝品廣告學(Cosmetic advertising)／15U000072	選(E)	2.0							2.0		系定選修(Departmental Elective Courses)	
專題研究(四)(Research (IV))／15U000170	選(E)	1.0							1.0		系定選修(Departmental Elective Courses)	
藥妝實習(Cosmeceutics practice)／15U000181	選(E)	4.0							4.0		系定選修(Departmental Elective Courses)	
中醫美容學(Chinese beauty medicine)／15U000068	選(E)	2.0								2.0	系定選修(Departmental Elective Courses)	中草藥生物技術(Chinese herbal medicine biotechnology credit program)
中藥化妝品學及實驗(Chinese herbal cosmetology & laboratory)／15U000127	選(E)	2.0								2.0	系定選修(Departmental Elective Courses)	藥妝與設計學分學程(Cosmeceuticals and Design Credit Course)
化妝品商業英文之表達與溝通技巧(English presentation and communication skills for cosmetic business)／15U000174	選(E)	2.0								2.0	系定選修(Departmental Elective Courses)	全英授課(Full English course)
化妝品廠之程序工程與產銷分析(Process engineering and analysis of production and sales in cosmetics factory)／15U000184	選(E)	2.0								2.0	系定選修(Departmental Elective Courses)	
化妝品營運管理學(Operating and management for cosmetics)／15U000168	選(E)	2.0								2.0	系定選修(Departmental Elective Courses)	
美容醫學：藥妝品學與雷射光電醫學(Aesthetic medicine：cosmeceuticals and laser medicine)／15U000175	選(E)	2.0								2.0	系定選修(Departmental Elective Courses)	藥妝與設計學分學程(Cosmeceuticals and Design Credit Course)
機能性化妝品學及實驗(Cosmetology & laboratory)／15U000126	選(E)	2.0								2.0	系定選修(Departmental Elective Courses)	
藥妝品設計開發(Design & development for cosmeceutics)／15U000141	選(E)	2.0								2.0	系定選修(Departmental Elective Courses)	
合計 選修 總學分(Elective subtotal)		93.0	16.0	11.0	12.0	9.0	12.0	8.0	9.0	16.0		

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110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。不得以選修體育抵免必選修體育。

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。

藥用化妝品學系注意事項

一、教育目標：

(1)培育化妝品研發、製造、檢驗、行銷及管理專業人才。

(2)培育中醫藥結合應用於化妝品科技的專業人才。

二、110學年度入學新生實施，本系四年制，最低畢業學分為128學分，含本系核心課程60學分(必修50學分、核心選修10學分)，通識28學分及選修40學分。

三、課程異動：每學期開課程檢討會，視情況修改。

四、本學分表做為畢業學分認定之依據。

單位主管簽章：

For students enrolled in the fall semester of 2021:

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.Students cannot use elective physical education to offset compulsory elective courses.

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

Note of

1.Educational goals:

(1)Cultivate professional talents in cosmetics research and development, manufacturing, inspection, marketing and management.

(2)Cultivate professional talents who can apply integrated medicine to cosmetics technology.

2.For students enrolled in 2021: The study period of the program is four years. The minimum number of credits required for graduation is 128, including 60 core courses credits (50 required courses credits and 10 elective core courses credits), 28 general education courses credits, and 40 elective courses credits.

3.Curriculum modifications: Curriculum review meetings will be held every semester and modifications will be made if necessary.

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