

中山醫學大學

Chung Shan Medical University

115 學年度入學新生應修科目及學分表

Courses and Credits for Freshmen Admitted in the 115th Academic Year

健康管理學院醫療產業科技管理學系

Department of Health Policy and Management, College of Health Care and Management

第一學年

1st Academic Year

科目名稱 Course Name in Chinese	英文科目名稱 Course Name in English	必修 Required Elective	合計 學分 Credits Subtotal	第一 學期 1 st Semester Credits	第二 學期 2 nd Semester Credits	備註 Remarks
管理學	Management	必修 Required	3	3	0	
微積分	Calculus	必修 Required	4	2	2	
會計學	Accounting	必修 Required	4	2	2	
經濟學	Economics	必修 Required	2	2	0	
醫院管理實務	Hospital Management Practice	必修 Required	2	2	0	
套裝軟體－MS EXCEL	Software Package - MS EXCEL	必修 Required	2	2	0	
醫療產業科技管理論壇	Health Industry Technology Management Forum	必修 Required	1	1	0	
組織行為	Organizational Behavior	必修 Required	3	0	3	
生理學	Physiology	必修 Required	2	0	2	
醫務管理概論	Introduction to Health Care Management	必修 Required	2	0	2	
英文	English	必修 Required	2	(2)	(2)	遠距教學 Distance Learning
醫療社會學	Medical Sociology	選修 Elective	2	2	0	
資訊管理學	Management Information System	選修 Elective	2	0	2	
科技經濟學	Economics of Science and Technology	選修 Elective	2	0	2	
必修學分合計 Required Credits Subtotal			27	14	11	

第二學年

2nd Academic Year

科目名稱	英文科目名稱 Course	必修 Required Elective	合計 學分 Credits Subtotal	第一 學期 1 st Semester Credits	第二 學期 2 nd Semester Credits	備註 Remarks
統計學	Statistics	必修 Required	4	2	2	
行動裝置程式設計	Mobile App Development	必修 Required	2	2	0	

第 二 學 年 2nd Academic Year						
科目名稱	英文科目名稱 Course	必選 修 Required Elective	合計 學分 Credits Subtotal	第一 學期 1 st Semester Credits	第二 學期 2 nd Semester Credits	備註 Remarks
臨床醫學概論	Introduction to Clinical Medicine	必修 Required	2	2	0	
醫療經濟學	Health Economics	必修 Required	2	2	0	
病歷與疾病管理	Medical Records and Diseases Management	必修 Required	2	2	0	
衛生醫療制度	Health Care System	必修 Required	3	0	3	
醫事與衛生法規	Medical and Hygiene Regulations	必修 Required	2	0	2	
人力資源管理	Human Resource Management	必修 Required	2	0	2	
研究方法與研究設計	Research Methods and Design	必修 Required	2	0	2	
衛生行政	Public Health Administration	必修 Required	2	0	2	
管理心理學	Management Psychology	選修 Elective	2	2	0	
藥物管制與食品衛生	Drug Control and Food Hygiene	選修 Elective	2	2	0	
財務管理學	Financial Management	選修 Elective	2	2	0	全英語授課 Taught in English
醫學術語中的希臘語和拉丁語	Greek and Latin in Medical Terminology	選修 Elective	2	2	0	全英語授課 Taught in English
長期照護體系	Long Term Care Delivery System in Taiwan	選修 Elective	2	2	0	
長期照護機構與經營管理	Management of Long Term Care Facility	選修 Elective	2	0	2	
統計軟體	Statistics Software	選修 Elective	2	0	2	
醫療財務管理	Health Care Financial Management	選修 Elective	2	0	2	
電子商務及醫療網路行銷	E-Commerce and Medical Internet Marketing	選修 Elective	2	0	2	
國際疾病分類	International Classification of Diseases	選修 Elective	2	0	2	
必修學分合計 Required Credits Subtotal			23	10	13	

第 三 學 年

3rd Academic Year

科目名稱	英文科目名稱 Course	必選 修 Required Elective	合計 學分 Credits Subtotal	第一 學期 1 st Semester Credits	第二 學期 2 nd Semester Credits	備註 Remarks
流行病學	Epidemiology	必修 Required	2	2	0	
健康保險	Health Insurance	必修 Required	2	2	0	
醫療管理會計	Healthcare Managerial Accounting	必修 Required	2	2	0	
醫療行銷管理	Healthcare Marketing Management	必修 Required	2	2	0	
社區照護管理	Community Care Management	必修 Required	2	2	0	
管理數學	Management Mathematics	必修 Required	2	2	0	
醫療品質管理	Healthcare Quality Management	必修 Required	2	0	2	
健康資料庫管理與分析	Healthcare Database Management and Analysis	必修 Required	2	0	2	
醫務資材與物流管理	Health service material and logistics management	必修 Required	2	0	2	修改課程名稱
作業管理	Operation Management	必修 Required	2	0	2	
醫療產業政策分析	Health System Policy Analysis	必修 Required	2	0	2	
科技管理	Technology Management	必修 Required	2	0	2	
智慧醫院與精準醫療	Smart Hospital and Precision Medicine	選修 Elective	2	2	0	
人工智慧與物聯網之健康產業應用	AI and IoT Application in Healthcare Industry	選修 Elective	2	2	0	
智慧財產與專利	Intellectual Property and Patent	選修 Elective	2	2	0	修改課程名稱
資料視覺化	Data Visualization	選修 Elective	2	0	2	
資料科學與 SAS 語言	Data Science and SAS Language	選修 Elective	2	2	0	
必修學分合計 Required Credits Subtotal			24	12	12	

第 四 學 年

4th Academic Year

科目名稱	英文科目名稱 Course	必選 修 Required Elective	合計 學分 Credits Subtotal	第一 學期 1 st Semester Credits	第二 學期 2 nd Semester Credits	備註 Remarks
醫務管理實習	Practicum in Health Services Management	必修 Required	4	4	0	
醫務策略管理	Health Services Strategic Management	必修 Required	2	2	0	

第 四 學 年

4th Academic Year

科目名稱	英文科目名稱 Course	必選 修 Required Elective	合計 學分 Credits Subtotal	第一 學期 1 st Semester Credits	第二 學期 2 nd Semester Credits	備註 Remarks
論文研究	Seminar	必修 Required	2	1	1	
醫療資訊學	Health Care Information	必修 Required	2	0	2	
創新與研發技術管理	Innovation and Management of Research Development Technology	選修 Elective	2	0	2	
必修學分合計 Required Credits Subtotal			10	7	3	

最低畢業學分數 128 學分，必修 82 學分，通識 20 學分，體育 2 學分，選修 24 學分

Minimum graduation credits: 128 credits, compulsory 82 credits, general education 20 credits, physical education 2 credits, 24 elective credits

說明：

- 一、通識教育課程總學分數為 20 學分，學生需修滿學分數，始得申請畢業。課程內容分為「基礎通識」及「博雅通識」等兩大部分，修習原則如下：(一)「基礎通識」課程：必修，共 6 學分。含括：「多元文化與語文」、「人工智慧概論與應用」、「大學之道」及「服務學習」等課程。(二)「博雅通識」課程：必修，共 14 學分(醫資系除外，需 16 學分)。含括：文藝領域、社會領域、醫學人文領域和科普領域等四個領域，每個領域至少需修習 2 學分。通識教育課程畢業學分的認列，以 20 學分為上限。通識教育課程修習方式依照「中山醫學大學通識課程選課須知」辦理。「服務學習」依照「中山醫學大學服務學習課程實施辦法」辦理。
- 二、學生須於畢業前修滿 2 學分「體育」，始得畢業，但超修不列入畢業學分數。
- 三、大一「英文」分級及修課依照「雙語教學推動資源中心」所公告之規定辦理。
- 四、學生須於畢業前擇一修習雙主修、輔系、跨域學程或跨域微學程，符合修習規範者，始得畢業。
- 五、學生須於畢業前擇一參加經認定之校外官方英文能力檢定考試或校內「中山醫大英文能力檢測」(CEPT)英文檢定考試，相當全民英檢中級初試(或中高級初試)(依各系規定修正)，並於每學期開學後繳交通過之成績證明文件至各系登錄，以作為畢業資格審定之依據。
- 六、學生須依「中山醫學大學深化醫能力百分百實施辦法」參加各項符合增益基本能力之活動並累積至少 100 點，始得畢業。

Instructions：

1. The total number of credits required for the General Education Curriculum is 20. Students must complete these credits in order to apply for graduation. The curriculum is divided into two main parts: Fundamental General Education and Liberal Arts General Education. The guidelines for course completion are as follows:
Fundamental General Education Courses: These are mandatory and total 6 credits. They include courses such as Multiculturalism and Languages, Introduction to Artificial Intelligence and Applications, Foundation of University Education, and Service Learning.
Liberal Arts General Education Courses: These are also mandatory and total 14 credits (16 credits for the Department of Medical Informatics). They cover four domains: Literature and Arts, Social Sciences, Medical Humanities, and Science and Technology. At least 2 credits must be completed in each domain.
The maximum number of credits recognized for the General Education Curriculum towards graduation is 20. The enrollment procedures for the General Education Curriculum are to be followed according to the 「Guidelines for General Education Course Selection at Chung Shan Medical University.」 The 「Service Learning」 component is to be conducted in accordance with the 「Implementation Guidelines for Service Learning Courses at Chung Shan Medical University.」.
2. Students must complete 2 credits of Physical Education before graduation in order to graduate. However, excess credits will not be counted toward the total graduation credit requirement.
3. 「English」 course placement and enrollment are subject to the regulations of 「the English-Medium Instruction Center」.
4. Students are required to choose a double major, a minor, an interdisciplinary program, or an interdisciplinary micro-program before graduation. Only those who meet the study standards can graduate.
5. Students are required to participate in an officially recognized external English proficiency test or the university's internal 「Chung Shan Medical University English Proficiency Test」 (CEPT) before graduation. The required proficiency level is equivalent to the preliminary test of the GEPT (High-)Intermediate Level(依各系規定修正). After the start of each semester, students must submit their passing score documents to their respective departments for registration, which will serve as a basis for graduation qualification verification.
6. Students must participate in various activities that enhance their basic competencies in accordance with the 「Implementation Guidelines for Enhancing Soft Skills at Chung Shan Medical University」 and accumulate at least 100 points in order to graduate.