中 山 醫 學 大 學
Chung Shan Medical University
114 學年度學程應修科目及學分表
Courses and Credits for Program in the 114th Academic Year
健康大數據跨域微學程
Health Big Data Interdisciplinary Micro-credential Program

核心課程 Core Courses						
科目名稱 Course Name in Chinese	科目英文名稱 Course Name in English	必選修 Required Elective	合計學分 Credits Subtotal	第一學期 1st Semester Credits	第二學期 2nd Semester Credits	開課系所
Python 程式設計	Python Programming	選修 Elective	3	3	0	醫學資訊學系
Power BI 資料視覺化	Power BI Data Visualization	選修 Elective	2	2	0	醫學資訊學系
MATLAB 程式設計	MATLAB Programming	選修 Elective	3	0	3	醫學資訊學系
R 語言	R Language	選修 Elective	2	0	2	醫學資訊學系
至少 2 學分 At least 2 credits						

基礎課程 Foundational Courses						
科目名稱 Course Name in Chinese	科目英文名稱 Course Name in English	必選修 Required Elective	合計學分 Credits Subtotal	第一學期 1st Semester Credits	第二學期 2nd Semester Credits	開課系所
醫學資訊概論	Introduction to Medical Information	選修 Elective	3	3	0	醫學資訊學系
健康雲與大數據	Health Cloud and Big Data	選修 Elective	2	2	0	醫學資訊學系
健康大數據概論	Introduction to Health Big Data	選修 Elective	2	0	2	醫學資訊學系
至少 2 學分 At least 2 credits						

應用課程 Applied Courses						
科目名稱 Course Name in Chinese	科目英文名稱 Course Name in English	必選修 Required Elective	合計學分 Credits Subtotal	第一學期 1st Semester Credits	第二學期 2nd Semester Credits	開課系所
健康大數據應用與實作	Application of Health Big Data	選修 Elective	2	2	0	醫學資訊學系
至少 2 學分 At least 2 credits						
最低修習學分數 6 學分 Minimum required credits: 6 credits						

說明Instructions：

1.	課程規劃至少為六學分，包含核心、基礎及應用課程各二學分；應修科目至少有二學分不屬於學生主系之科目。 The curriculum plan must comprise at least six credits, including two credits each from core, fundamental, and applied courses. At least two of the required credits must be from courses outside the student's major.
2.	跨域微學程認列之科目於下列情況不可重複認列學分數： （一）其他跨域微學程之科目。 （二）學生主系之科目(包含必修、選修、專業選修)及通識課程。 Courses recognized in the interdisciplinary micro-study program cannot be recognized as credits repeatedly under the following circumstances: 1. Courses in other interdisciplinary micro-study programs. 2. Courses of the student's major (including compulsory, elective, and professional electives) and general courses.
3.	若參與暑期開課之課程其學分需於學期間選課，並提出相關佐證資料，始得認列學分。 Credits earned from summer session courses will be recognized only if the courses are registered during the regular academic term and relevant supporting documentation is submitted.
4.	本微學程不適用醫學資訊學系學生修習。 This Micro-credential Program is not available for students of the Department of Medical Informatics.