

114

114 學年度入學新生應修科目及學分表 大學部



教務處註冊課務組

中山醫學大學

114

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114年3月25日經113學年度第2學期第1次教學暨課程委員會會議通過
114年6月3日經113學年度第2學期第2次教學暨課程委員會會議修正通過

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中山醫學大學

Chung Shan Medical University

114 學年度入學新生應修科目及學分表

Courses and Credits for Freshmen Admitted in the 114th Academic Year

醫學院醫學系

School of Medicine, College of Medicine

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 |
|--------------------------------|---|---------------------------------|---------------------------------|--|--|---------------|
| 普通生物學 | General Biology | 必修 Required | 2 | 2 | 0 | |
| 有機化學 | Organic Chemistry | 必修 Required | 2 | 2 | 0 | |
| 應用化學 | Applied Chemistry | 必修 Required | 2 | 2 | 0 | |
| 應用物理學 | Applied Physics | 必修 Required | 2 | 2 | 0 | |
| 微積分 | Calculus | 必修 Required | 1 | 1 | 0 | |
| 普通生物學實驗 | General Biology Laboratory | 必修 Required | 1 | 1 | 0 | |
| 生物化學(一) | Biochemistry(I) | 必修 Required | 2 | 0 | 2 | |
| 分子細胞生物學 | Molecular Cell Biology | 必修 Required | 2 | 0 | 2 | |
| 生物化學實驗 | Biochemistry Laboratory | 必修 Required | 1 | 0 | 1 | |
| 醫學導論 | Introduction to Clinical Medicine | 必修 Required | 1 | 0 | 1 | |
| 醫學人文與專業素養(一) | Medical Humanities and Professionalism(I) | 必修 Required | 1 | 0 | 1 | |

| 第 一 學 年 1 st Academic Year | | | | | | |
|--|---|---------------------------------|---------------------------------|--|--|--|
| 科目名稱 Course Name in Chinese | 英文科目名稱 Course Name in English | 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 |
| 失智症全人照護概論 | Introduction to Dementia Holistic Care | 選修 Elective | 2 | 2 | 0 | |
| 近代台灣西方醫療史---過去、現在到未來 | Modern Medical History in Taiwan---Past, Now and Future | 選修 Elective | 2 | 2 | 0 | 醫學人文課程 Humanistic Medicine |
| 醫學台語文與常民文化 | Medical Taiwanese Folk Culture | 選修 Elective | 2 | 2 | 0 | 醫學人文課程 Humanistic Medicine |
| 我生命中最美好的事物 | The Best Things in My Life | 選修 Elective | 2 | 2 | 0 | 醫學人文課程 Humanistic Medicine 全英語授課 Taught in English |
| 老化醫學 | Aging Medicine | 選修 Elective | 2 | 0 | 2 | |
| 醫用英文 | English for Medical Professionals | 選修 Elective | 2 | 0 | 2 | |
| 老人照護服務 | Care of the Elderly | 選修 Elective | 2 | 0 | 2 | |
| 大學社會責任-多元創新學習 | USR- Creative Learning | 選修 Elective | 2 | 0 | 2 | |
| 生物醫學研究概論 | Introduction of Biomedical Research | 選修 Elective | 2 | 0 | 2 | |
| 探索醫學的核心價值：醫學專業素養與人文 | Navigating the Core Value of Medicine: Medical Professionalism and Humanities | 選修 Elective | 1 | 0 | 1 | 醫學人文課程 Humanistic Medicine |
| 全人醫療照護的發展 | Development of Whole Person Care | 選修 Elective | 2 | 0 | 2 | 醫學人文課程 Humanistic Medicine |
| 醫療社會學 | Medical Sociology | 選修 Elective | 2 | (2) | (2) | 必選課程 Mandatory Courses 醫學人文課程 Humanistic Medicine: 上學期乙班,下 學期甲班 Classes are divided into groups: Group 甲 attends in the first semester, and Group 乙 attends in the second semester. |
| 必修學分合計 | | | 17 | | | |

第 一 學 年

1stAcademic Year

| 科目名稱 Course Name in Chinese | 英文科目名稱 Course Name in English | 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 |
|--------------------------------|------------------------------------|---------------------------------|---------------------------------|--|--|---|
| 多元文化與語文 | | 必修 Required | 2 | (2) | (2) | 共同教育課程 通識中心開課 Common Education Courses Provided by General Studies Center |
| 程式語言 | Programming Language | 必修 Required | 2 | 2 | 0 | 共同教育課程 通識中心開課 Common Education Courses Provided by General Studies Center |
| 大學之道 | Foundation of University Education | 必修 Required | 1 | 1 | 0 | 共同教育課程 通識中心開課 Common Education Courses Provided by General Studies Center |
| 服務學習 | Service Learning | 必修 Required | 1 | (1) | (1) | 共同教育課程 通識中心開課 Common Education Courses Provided by General Studies Center |
| 體育 | Physical Education | 必修 Required | 1 | 1 | 0 | 共同教育課程 體育中心開課 Common Education Courses Provided by Sports Center |
| 體育 | Physical Education | 必修 Required | 1 | 0 | 1 | 共同教育課程 體育中心開課 Common Education Courses Provided by Sports Center |

| 第 二 學 年 2nd Academic Year | | | | | | |
|--------------------------------|---|----------------------------|---------------------------------|--|--|-------------------------------|
| 科目名稱 Course Name in Chinese | 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 |
| 人類遺傳學 | Human Genetics | 必修 Required | 2 | 2 | 0 | |
| 生物統計學 | Biostatistics | 必修 Required | 2 | 2 | 0 | |
| 寄生蟲學 | Parasitology | 必修 Required | 2 | 2 | 0 | |
| 生物化學(二) | Biochemistry(II) | 必修 Required | 2 | 2 | 0 | |
| 營養與生活管理 | Nutrition and Life Management | 必修 Required | 2 | 2 | 0 | |
| 醫學資訊應用 | Application of Medical Informatics | 必修 Required | 2 | 2 | 0 | |
| 醫學人文與專業素養 (二) | Medical Humanities and Professionalism (II) | 必修 Required | 1 | 1 | 0 | |
| 寄生蟲學實驗 | Parasitology Laboratory | 必修 Required | 1 | 1 | 0 | |
| 組織學 | Histology | 必修 Required | 2 | 0 | 2 | |
| 普通心理學 | General Psychology | 必修 Required | 2 | 0 | 2 | |
| 醫病溝通 | Patient-Doctor Communication | 必修 Required | 2 | 0 | 2 | 醫學人文課程 Humanistic Medicine |
| 流行病學 | Epidemiology | 必修 Required | 2 | 0 | 2 | |
| 基礎微生物學 | Basic Microbiology | 必修 Required | 2 | 0 | 2 | |
| 組織學實驗 | Histology Laboratory | 必修 Required | 1 | 0 | 1 | |
| 胚胎學 | Embryology | 必修 Required | 1 | 0 | 1 | |
| 微生物學實驗 | Microbiology Laboratory | 必修 Required | 1 | 0 | 1 | |
| 專題研究 | Independent Study | 選修 Elective | 2 | 2 | 0 | |

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|------|--|----------------|---|---|---|---------------------------|
| 中醫概論 | Introduction to Traditional Chinese Medicine | 選修 Elective | 1 | 1 | 0 | 必選課程 Mandatory Courses |
|------|--|----------------|---|---|---|---------------------------|

| 第 二 學 年 2nd Academic Year | | | | | | |
|--------------------------------|---|---------------------------------|---------------------------------|--|--|-------------------------------|
| 科目名稱 Course Name in Chinese | 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 |
| 細胞治療原理與應用 | Theories and applications of cell therapy | 選修 Elective | 2 | 0 | 2 | |
| 基礎手術技巧教學 | Basic Operative Skill | 選修 Elective | 2 | 2 | 0 | |
| 白袍之路：醫師職涯與人生 | Medical Journey : Exploring Doctor*s Careers and Life | 選修 Elective | 1 | 1 | 0 | |
| 醫師科學家素養 | Professionalism of Physician Scientist | 選修 Elective | 2 | 2 | 0 | 醫學人文課程 Humanistic Medicine |
| 緊急照護 | Emergency Care | 選修 Elective | 2 | 0 | 2 | |
| 醫學與美學概論 | Introduction to Concept of Aesthetic Medicine | 選修 Elective | 2 | 0 | 2 | |
| 醫學哲學與倫理思辨 | Philosophy of Medicine and Ethical Contemplation | 選修 Elective | 2 | 0 | 2 | |
| 必修學分合計 | | | 27 | 14 | 13 | |

| | | | | | | |
|----|--------------------|----------------|---|---|---|--|
| 體育 | Physical Education | 必修 Required | 1 | 1 | 0 | 共同教育課程 體育中心開課 Common Education Courses Provided by Sports Center |
| 體育 | Physical Education | 必修 Required | 1 | 0 | 1 | 共同教育課程 體育中心開課 Common Education Courses Provided by Sports Center |

| 第 三 學 年 3rd Academic Year | | | | | | |
|--------------------------------|-----------------------------------|---------------------------------|---------------------------------|--|--|-------------------------------|
| 科目名稱 Course Name in Chinese | 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 |
| 基礎解剖學 | Basic Course-Anatomy | 必修 Required | 6 | 4 | 2 | |
| 臨床倫理與法律 | Medical Ethics and Law | 必修 Required | 2 | 2 | 0 | 醫學人文課程 Humanistic Medicine |
| 解剖學實驗 | Human Anatomy Laboratory | 必修 Required | 1 | 1 | 0 | |
| 病理學實驗 | Pathology Laboratory | 必修 Required | 1 | 1 | 0 | |
| 生理學實驗 | Physiology Laboratory | 必修 Required | 1 | 1 | 0 | |
| 藥理學實驗 | Pharmacology Laboratory | 必修 Required | 1 | 1 | 0 | |
| 基礎生理學 | Basic Course-Physiology | 必修 Required | 1 | 1 | 0 | |
| 基礎病理學 | Basic Course-Pathology | 必修 Required | 1 | 1 | 0 | |
| 基礎藥理學 | Basic Course-Pharmacology | 必修 Required | 1 | 1 | 0 | |
| 臨床致病機轉導論 | Introduction to Pathophysiology | 必修 Required | 1 | 1 | 0 | |
| 神經科學模組 | Neurosciences Module | 必修 Required | 7 | 0 | 7 | |
| 骨骼關節與肌肉學模組 | Musculoskeletal Module | 必修 Required | 4 | 0 | 4 | |
| 大體解剖學實驗 | Gross Anatomy Laboratory | 必修 Required | 3 | 0 | 3 | |
| 診斷：鎖定問題的方法 | Diagnosis：Way to Lock the Problem | 選修 Elective | 2 | 2 | 0 | |
| 必修學分合計 | | | 30 | 14 | 16 | |

| 第 四 學 年 4th Academic Year | | | | | | |
|--------------------------------|--|----------------------------|---------------------------------|--|--|---------------|
| 科目名稱 Course Name in Chinese | 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 |
| 免疫、防禦與感染學模組 | Immunity Defense and Infection Module | 必修 Required | 5 | 5 | 0 | |
| 心臟循環學模組 | Cardiovascular Module | 必修 Required | 5 | 5 | 0 | |
| 呼吸科學模組 | Respiration Module | 必修 Required | 4 | 4 | 0 | |
| 內分泌與新陳代謝學模組 | Endocrine Metabolism Module | 必修 Required | 4 | 4 | 0 | |
| 消化科學模組 | Gastrointestinal Module | 必修 Required | 5 | 0 | 5 | |
| 腎臟泌尿學模組 | Nephrology Urology Module | 必修 Required | 4 | 0 | 4 | |
| 血液與腫瘤學模組 | Hematology and Oncology Module | 必修 Required | 4 | 0 | 4 | |
| 生殖學模組 | Reproductive Module | 必修 Required | 3 | 0 | 3 | |
| 家庭與社區醫學模組 | Family and Community Medicine Module | 必修 Required | 2 | 0 | 2 | |
| 分子生物化學特論 | Special Topics in Molecular Biochemistry | 選修 Elective | 2 | 0 | 2 | |
| 重症醫學概論 | Critical Care Medicine | 選修 Elective | 2 | 0 | 2 | |
| 必修學分合計 | | | 36 | 18 | 18 | |

| 第 五 學 年 5th Academic Year | | | | | | |
|--------------------------------|---|----------------|---------------------------------|--|--|---|
| 科目名稱 Course Name in Chinese | 英文科目名稱 Course | 必修 Required | 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 |
| 內科學核心實習 | Core Clerkship in Internal Medicine | 必修 Required | 10 | 4 | 6 | |
| 外科學核心實習 | Core Clerkship in Surgery | 必修 Required | 10 | 4 | 6 | |
| 婦產科學核心實習 | Core Clerkship in Obstetrics and Gynecology | 必修 Required | 4 | 4 | 0 | |
| 急診醫學 | Emergency Medicine | 必修 Required | 1 | 1 | 0 | 臨床醫學預備課程(一) Preparatory Courses for Clinical Medicine(一) |
| 醫師、病人與社會(一) | Patient Physician and Society (I) | 必修 Required | 1 | 1 | 0 | 醫學人文課程 Humanistic Medicine |
| 臨床醫學導論 | Practice to Clinical Medicine | 必修 Required | 1 | 1 | 0 | 臨床醫學預備課程(二) Preparatory Courses for Clinical Medicine(二) |
| 小兒科學核心實習 | Core Clerkship in Pediatrics | 必修 Required | 4 | 0 | 4 | |
| 醫師、病人與社會(二) | Patient Physician and Society (II) | 必修 Required | 1 | 0 | 1 | 醫學人文課程 Humanistic Medicine |
| 醫療體系行政實務 | Systems-Based Practice | 選修 Elective | 1 | 1 | 0 | 必選課程 Mandatory Courses |
| 醫事案例分析 | Medicine and Law Case Study | 選修 Elective | 1 | 1 | 0 | 必選課程 Mandatory Courses |
| 臨床醫學影像學 | Clinical Medical Imaging | 選修 Elective | 1 | 1 | 0 | |
| 兒童醫學 | Pediatric Medicine | 選修 Elective | 1 | 1 | 0 | 必選課程 Mandatory Courses |
| 家庭醫學科學臨床實習 | Clerkship in Clinical Family and Community Medicine | 選修 Elective | 2 | (2) | (2) | 5 或 6 年級擇一 學期選修 Elective in either the 5th or 6th year, one semester only 必選課程 Mandatory Courses 說明五 Explanation5 |

| 第 五 學 年 5th Academic Year | | | | | | |
|--------------------------------|--|---------------------------------|---------------------------------|--|--|---|
| 科目名稱 Course Name in Chinese | 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 |
| 急診醫學科學臨床實習 | Clerkship in Emergency Medicine | 選修 Elective | 2 | (2) | (2) | 必選課程 Mandatory Courses 說明五 Explanation5 |
| 中西整合醫療科學臨床實習 | Clerkship in Integrated Chinese and Western Medicine | 選修 Elective | 2 | (2) | (2) | 5 或 6 年級擇一 學期選修 Elective in either the 5th or 6th year, one semester only |
| 社區醫學臨床實習 | Clerkship in Community Medicine | 選修 Elective | 2 | (2) | (2) | 必選課程 Mandatory Courses 說明五 Explanation5 |
| 安寧療護臨床實習 | Clerkship in Hospice Palliative Medicine | 選修 Elective | 2 | (2) | (2) | 5 或 6 年級擇一 學期選修 Elective in either the 5th or 6th year, one semester only 必選課程 Mandatory Courses 說明五 Explanation5 |
| 內科臨床實習 | Clerkship in Internal Medicine | 選修 Elective | 2 | (2) | (2) | 5 或 6 年級擇一 學期選修 Elective in either the 5th or 6th year, one semester only |
| 外科臨床實習 | Clerkship in Surgery | 選修 Elective | 2 | (2) | (2) | 5 或 6 年級擇一 學期選修 Elective in either the 5th or 6th year, one semester only |
| 醫學影像科學臨床實習 | Clerkship in Medical Imaging | 選修 Elective | 2 | (2) | (2) | 5 或 6 年級擇一 學期選修 Elective in either the 5th or 6th year, one semester only |
| 病理科學臨床實習 | Clerkship in Pathology | 選修 Elective | 2 | (2) | (2) | 5 或 6 年級擇一 學期選修 Elective in either the 5th or 6th year, one semester only |
| 麻醉科學臨床實習 | Clerkship in Anesthesiology | 選修 Elective | 2 | (2) | (2) | 5 或 6 年級擇一 學期選修 Elective in either the 5th or 6th year, one semester only |

| 第 五 學 年 5th Academic Year | | | | | | |
|--------------------------------|--------------------------------------|----------------------------|---------------------------------|--|--|---|
| 科目名稱 Course Name in Chinese | 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 |
| 皮膚科學臨床實習 | Clerkship in Dermatology | 選修 Elective | 2 | (2) | (2) | 5 或 6 年級擇一 學期選修 Elective in either the 5th or 6th year, one semester only |
| 耳鼻喉科學臨床實習 | Clerkship in Otolaryngology | 選修 Elective | 2 | (2) | (2) | 5 或 6 年級擇一 學期選修 Elective in either the 5th or 6th year, one semester only |
| 放射腫瘤科學臨床實習 | Clerkship in Radiation Oncology | 選修 Elective | 2 | (2) | (2) | 5 或 6 年級擇一 學期選修 Elective in either the 5th or 6th year, one semester only |
| 放射線科學臨床實習 | Clerkship in Radiology | 選修 Elective | 2 | (2) | (2) | 5 或 6 年級擇一 學期選修 Elective in either the 5th or 6th year, one semester only |
| 復健科學臨床實習 | Clerkship in Rehabilitation Medicine | 選修 Elective | 2 | (2) | (2) | 5 或 6 年級擇一 學期選修 Elective in either the 5th or 6th year, one semester only |
| 眼科學臨床實習 | Clerkship in Ophthalmology | 選修 Elective | 2 | (2) | (2) | 5 或 6 年級擇一 學期選修 Elective in either the 5th or 6th year, one semester only |
| 核子醫學科學臨床實習 | Clerkship in Nuclear Medicine | 選修 Elective | 2 | (2) | (2) | 5 或 6 年級擇一 學期選修 Elective in either the 5th or 6th year, one semester only |
| 精神科學臨床實習 | Clerkship in Psychiatry | 選修 Elective | 2 | (2) | (2) | 必修課程 Mandatory Courses 說明五 Explanation5 |
| 必修學分合計 | | | 32 | 15 | 17 | |

| 第 六 學 年 6th Academic Year | | | | | | |
|--------------------------------|--|----------------------------|---------------------------------|--|--|---|
| 科目名稱 Course Name in Chinese | 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 |
| 內科學臨床實習 | Clerkship in Internal Medical | 必修 Required | 10 | 4 | 6 | |
| 外科學臨床實習 | Clerkship in Surgery | 必修 Required | 10 | 4 | 6 | |
| 婦產科學臨床實習 | Clerkship in Obstetrics and Gynecology | 必修 Required | 4 | 4 | 0 | |
| 小兒科學臨床實習 | Clerkship in Pediatrics | 必修 Required | 4 | 0 | 4 | |
| 家庭醫學科學臨床實習 | Clerkship in Clinical Family and Community Medicine | 選修 Elective | 2 | (2) | (2) | 5 或 6 年級擇一 學期選修 Elective in either the 5th or 6th year, one semester only 必選課程 Mandatory Courses 說明五 Explanation5 |
| 急診醫學科學臨床實習 | Clerkship in Emergency Medicine | 選修 Elective | 2 | (2) | (2) | 必選課程 Mandatory Courses 說明五 Explanation5 |
| 中西整合醫療科學臨床實習 | Clerkship in Integrated Chinese and Western Medicine | 選修 Elective | 2 | (2) | (2) | 5 或 6 年級擇一 學期選修 Elective in either the 5th or 6th year, one semester only |
| 社區醫學臨床實習 | Clerkship in Community Medicine | 選修 Elective | 2 | (2) | (2) | 必選課程 Mandatory Courses 說明五 Explanation5 |
| 骨科學臨床實習 | Clerkship in Orthopedics | 選修 Elective | 2 | (2) | (2) | 6 年級擇一學期 選修 Elective in 6th year, one semester only |
| 泌尿科學臨床實習 | Clerkship in Urology | 選修 Elective | 2 | (2) | (2) | 6 年級擇一學期 選修 Elective in 6th year, one semester only |
| 神經內科學臨床實習 | Clerkship in Neurology | 選修 Elective | 2 | (2) | (2) | 6 年級擇一學期 選修 Elective in 6th year, one semester only |

| 第 六 學 年 6th Academic Year | | | | | | |
|--------------------------------|--|---------------------------------|---------------------------------|--|--|---|
| 科目名稱 Course Name in Chinese | 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 |
| 安寧療護臨床實習 | Clerkship in Hospice Palliative Medicine | 選修 Elective | 2 | (2) | (2) | 5 或 6 年級擇一 學期選修 Elective in either the 5th or 6th year, one semester only 必選課程 Mandatory Courses 說明五 Explanation5 |
| 內科臨床實習 | Clerkship in Internal Medicine | 選修 Elective | 2 | (2) | (2) | 5 或 6 年級擇一 學期選修 Elective in either the 5th or 6th year, one semester only |
| 外科臨床實習 | Clerkship in Surgery | 選修 Elective | 2 | (2) | (2) | 5 或 6 年級擇一 學期選修 Elective in either the 5th or 6th year, one semester only |
| 醫學影像科學臨床實習 | Clerkship in Medical Imaging | 選修 Elective | 2 | (2) | (2) | 5 或 6 年級擇一 學期選修 Elective in either the 5th or 6th year, one semester only |
| 病理科學臨床實習 | Clerkship in Pathology | 選修 Elective | 2 | (2) | (2) | 5 或 6 年級擇一 學期選修 Elective in either the 5th or 6th year, one semester only |
| 麻醉科學臨床實習 | Clerkship in Anesthesiology | 選修 Elective | 2 | (2) | (2) | 5 或 6 年級擇一 學期選修 Elective in either the 5th or 6th year, one semester only |
| 皮膚科學臨床實習 | Clerkship in Dermatology | 選修 Elective | 2 | (2) | (2) | 5 或 6 年級擇一 學期選修 Elective in either the 5th or 6th year, one semester only |
| 耳鼻喉科學臨床實習 | Clerkship in Otolaryngology | 選修 Elective | 2 | (2) | (2) | 5 或 6 年級擇一 學期選修 Elective in either the 5th or 6th year, one semester only |
| 放射腫瘤科學臨床實習 | Clerkship in Radiation Oncology | 選修 Elective | 2 | (2) | (2) | 5 或 6 年級擇一 學期選修 Elective in either the 5th or 6th year, one semester only |

| 第 六 學 年 6th Academic Year | | | | | | |
|--------------------------------|--|---------------------------------|---------------------------------|--|--|---|
| 科目名稱 Course Name in Chinese | 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 |
| 放射線科學臨床實習 | Clerkship in Radiology | 選修 Elective | 2 | (2) | (2) | 5 或 6 年級擇一 學期選修 Elective in either the 5th or 6th year, one semester only |
| 復健科學臨床實習 | Clerkship in Rehabilitation Medicine | 選修 Elective | 2 | (2) | (2) | 5 或 6 年級擇一 學期選修 Elective in either the 5th or 6th year, one semester only |
| 眼科學臨床實習 | Clerkship in Ophthalmology | 選修 Elective | 2 | (2) | (2) | 5 或 6 年級擇一 學期選修 Elective in either the 5th or 6th year, one semester only |
| 核子醫學科學臨床實習 | Clerkship in Nuclear Medicine | 選修 Elective | 2 | (2) | (2) | 5 或 6 年級擇一 學期選修 Elective in either the 5th or 6th year, one semester only |
| 精神科學臨床實習 | Clerkship in Psychiatry | 選修 Elective | 2 | (2) | (2) | 必選課程 Mandatory Courses 說明五 Explanation5 |
| 國際衛生醫療(一) | Healthcare Professional International Exchange Program(I) | 選修 Elective | 4 | (4) | (4) | 6 上或 6 下擇一 學期選修 Elective in the 6th year, one semester only |
| 國際衛生醫療(二) | Healthcare Professional International Exchange Program(II) | 選修 Elective | 6 | (6) | (6) | 6 上或 6 下擇一 學期選修 Elective in the 6th year, one semester only |
| 國際衛生醫療(三) | Healthcare Professional International Exchange Program(III) | 選修 Elective | 8 | (8) | (8) | 6 上或 6 下擇一 學期選修 Elective in the 6th year, one semester only |
| 自選臨床實習(一) | Elective Clinical Clerkship(I) | 選修 Elective | 4 | (4) | (4) | 6 上或 6 下擇一 學期選修 Elective in the 6th year, one semester only |
| 自選臨床實習(二) | Elective Clinical Clerkship(II) | 選修 Elective | 8 | (8) | (8) | 6 上或 6 下擇一 學期選修 Elective in the 6th year, one semester only |
| 必修學分合計 | | | 28 | 12 | 16 | |

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|--|---|
| <p>最低畢業學分數 234 學分，必修 170 學分，通識 20 學分，體育 4 學分，選修 40 學分</p> <p>Minimum graduation credits:234 credits, compulsory 170 credits, general education 20 credits, physical education 4 credits, elective 40 credits</p> | |
| 說明Instructions： | |
| 1. | <p>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。包括：「多元文化與語文」、「程式語言」、「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。包括：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。</p> <p>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:</p> <p>Fundamental General Education Courses: These are mandatory and total 6 credits. They include courses such as "Multiculturalism and Languages," "Programming Languages," "Foundation of University Education," and "Service Learning."</p> <p>Liberal Arts General Education Courses: These are also mandatory and total 14 credits. 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.</p> <p>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."</p> |
| 2. | <p>學生須於二年級上學期結束前繳交相當全民英檢中高級初試通過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)英文檢定考試之成績證明文件至系上登錄，取得合於「英文能力」畢業資格，始得畢業。</p> <p>Students must submit proof of passing an external official English proficiency test equivalent to the High-Intermediate level of the General English Proficiency Test (GEPT) or the CEPT English proficiency test administered by Chung Shan Medical University (CSMU) to their department for registration by the end of the first semester of their second year. Only after meeting this "English proficiency" graduation requirement will they be eligible to graduate.</p> |
| 3. | <p>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。</p> <p>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.</p> |
| 4. | <p>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。</p> <p>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.</p> |

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|----|--|
| 5. | <p>第五、六學年必選修實習課程共 6 學分，學生務必選修並視實際選修之學期選課。</p> <p>(一)「社區醫學臨床實習」或「家庭醫學科學臨床實習」課程二擇一，2 學分。</p> <p>(二)「精神科學臨床實習」或「安寧療護臨床實習」課程二擇一，2 學分。安寧療護臨床實習需於本校附醫選修。</p> <p>(三)「急診醫學科學臨床實習」2 學分。</p> <p>In the fifth and sixth academic years, students are required to complete a total of 6 credits of mandatory internship courses. The specific courses to be taken each semester will depend on actual enrollment.</p> <p>Students must choose one of the following 2-credit courses: "Clerkship in Community Medicine" or "Clerkship in Clinical Family and Community Medicine". You must also choose between "Clerkship in Psychiatry" or "Clerkship in Hospice Palliative Medicine", with the latter needing to be completed at the affiliated hospital. Additionally, students must complete the "Clerkship in Emergency Medicine" for 2 credits.</p> |
| 6. | <p>第五、六學年之臨床科實習選修(含必選修)課程總計須至少修滿 28 學分。</p> <p>In the fifth and sixth academic years, students need to accumulate a total of at least 28 credits from clinical internship courses, including both required and elective courses.</p> |
| 7. | <p>最低畢業總學分為 234 學分。</p> <p>The minimum total credits required for graduation are 234 credits</p> |
| 8. | <p>跨域微學程認列之科目於下列情況不可重複認列學分數：1、其他跨域微學程之科目。2、學生主系之科目(包含必修、選修、專業選修)及通識課程。</p> <p>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.</p> <p>◎備註：最低畢業學分=必修 170 學分+通識必修 20 學分+體育必修 4 學分+(必)選修 40 學分「內含：中醫概論 1 學分、醫療社會學 2 學分、醫療體系行政實務 1 學分、醫事案例分析 1 學分、兒童醫學 1 學分、第五、六學年之臨床科實習選修課程總計須至少修滿 28 學分+6 學分(雙主修、輔系、跨域學程或跨域微學程擇一修習)」。</p> <p>Notes: The minimum graduation credits include 170 credits of required courses, 20 credits of general education required courses, 4 credits of required physical education courses, and 40 credits of elective courses. These electives must include 1 credit of Introduction to Traditional Chinese Medicine, 2 credits of Medical Sociology, 1 credit of Systems-Based Practice, 1 credit of Medicine and Law Case Study, 1 credit of Pediatric Medicine, at least 28 credits of clinical internship courses in the fifth and sixth academic years, and 6 credits from a double major, a minor, an interdisciplinary program, or an interdisciplinary micro-program</p> |

中山醫學大學

Chung Shan Medical University

114 學年度入學新生應修科目及學分表

Courses and Credits for Freshmen Admitted in the 114th Academic Year

醫學院護理學系

Department of Nursing, College of Medicine

第一學年

1st Academic Year

| 科目名稱 Course Name in Chinese | 科目英文名稱 Course Name in English | 必修 Required | 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 |
|--------------------------------|------------------------------------|----------------|------------------------------|--|--|----------------------------|
| 解剖學 | Human Anatomy | 必修 Required | 2 | 2 | 0 | |
| 普通心理學 | General Psychology | 必修 Required | 2 | 2 | 0 | |
| 解剖學實驗 | Human Anatomy Laboratory | 必修 Required | 1 | 1 | 0 | |
| 生物化學 | Biochemistry | 必修 Required | 2 | 0 | 2 | |
| 生理學 | Physiology | 必修 Required | 2 | 0 | 2 | |
| 護理學導論 | Introduction to Nursing | 必修 Required | 2 | 0 | 2 | |
| 生理學實驗 | Physiology Laboratory | 必修 Required | 1 | 0 | 1 | |
| 生涯發展與規劃 | Career Development and Planning | 選修 Elective | 2 | 2 | 0 | |
| 有機化學 | Organic Chemistry | 選修 Elective | 2 | 2 | 0 | |
| 傳統醫學與護理 | Traditional Medicine and Nursing | 選修 Elective | 2 | 2 | 0 | |
| 普通生物學(一) | General Biology (I) | 選修 Elective | 2 | 2 | 0 | |
| 普通生物學實驗 | General Biology Laboratory | 選修 Elective | 1 | 1 | 0 | |
| 衛生教育與實務(一) | Health Education and Practice (I) | 選修 Elective | 1 | 1 | 0 | 全英語授課 Taught in English |
| 醫護英文 | Medical-nursing English | 選修 Elective | 2 | 0 | 2 | |
| 普通生物學(二) | General Biology (II) | 選修 Elective | 2 | 0 | 2 | |
| 咖啡學與健康 | Coffee & Health | 選修 Elective | 2 | 0 | 2 | 全英語授課 Taught in English |
| 智慧與創新 | Intelligence and Innovation | 選修 Elective | 2 | 0 | 2 | |
| 衛生教育與實務(二) | Health Education and Practice (II) | 選修 Elective | 1 | 0 | 1 | 全英語授課 Taught in English |

| 第 一 學 年 1st Academic Year | | | | | | |
|----------------------------------|--|---------------------------------|---------------------------------|--|--|---|
| 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 1 st Semester Credits | 第二 學期 2 nd Semester Credits | 備註 Remarks |
| 國際健康議題微學分 | Global Health Issue Micro-credential | 選修 Elective | 1 | 1 | 0 | 全英語授課 Taught in English |
| 醫護學術英語寫作微學分 | Academic Writing for Health Professionals Micro-credential | 選修 Elective | 1 | 0 | 1 | 全英語授課 Taught in English |
| 必修學分合計 Required Credits Subtotal | | | 12 | 5 | 7 | |
| 多元文化與語文 | | 必修 Required | 2 | (2) | (2) | 共同教育課程 通識中心開課 Common Education Courses Provided by General Studies Center |
| 程式語言 | Programming Language | 必修 Required | 2 | 2 | 0 | 共同教育課程 通識中心開課 Common Education Courses Provided by General Studies Center |
| 大學之道 | Foundation of University Education | 必修 Required | 1 | 1 | 0 | 共同教育課程 通識中心開課 Common Education Courses Provided by General Studies Center |
| 服務學習 | Service Learning | 必修 Required | 1 | (1) | (1) | 共同教育課程 通識中心開課 Common Education Courses Provided by General Studies Center |
| 體育 | Physical Education | 必修 Required | 1 | 1 | 0 | 共同教育課程 體育中心開課 Common Education Courses Provided by Sports Center |
| 體育 | Physical Education | 必修 Required | 1 | 0 | 1 | 共同教育課程 體育中心開課 Common Education Courses Provided by Sports Center |

| 第 二 學 年 2nd Academic Year | | | | | | |
|--------------------------------|----------------------------------|---------------------------------|---------------------------------|--|--|---------------|
| 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 1 st Semester Credits | 第二 學期 2 nd Semester Credits | 備註 Remarks |
| 病理學 | Pathology | 必修 Required | 2 | 2 | 0 | |

| 第 二 學 年 | | | | | | |
|--------------------------------|--|----------------------------|---------------------------------|--|--|---------------|
| 2nd Academic Year | | | | | | |
| 科目名稱 Course Name in Chinese | 科目英文名稱 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 |
| 微生物學及免疫學 | Microbiology & Immunology | 必修 Required | 2 | 2 | 0 | |
| 基本護理學 | Fundamentals of Nursing | 必修 Required | 2 | 2 | 0 | |
| 基本護理學實驗 | Fundamental Nursing Laboratory | 必修 Required | 2 | 2 | 0 | |
| 人類發展學 | Human Development | 必修 Required | 2 | 0 | 2 | |
| 身體檢查與評估 | Physical Examination and Assessment | 必修 Required | 2 | 0 | 2 | |
| 藥理學 | Pharmacology | 必修 Required | 2 | 0 | 2 | |
| 人類發展學實驗 | Human Development Laboratory | 必修 Required | 1 | 0 | 1 | |
| 基本護理學實習 | Practicum in Fundamentals of Nursing | 必修 Required | 1 | 0 | 1 | |
| 身體檢查與評估實驗 | Physical Examination and Assessment Laboratory | 必修 Required | 1 | 0 | 1 | |
| 文獻導讀 | Introduction to Scientific Literature Reading | 選修 Elective | 2 | 2 | 0 | |
| 寄生蟲學 | Parasitology | 選修 Elective | 2 | 2 | 0 | |
| 創意衛教法 | Creative Health Education | 選修 Elective | 2 | 2 | 0 | |
| 高齡智慧居家設計 | Smart home Design for the Elderly | 選修 Elective | 2 | 2 | 0 | |
| 微生物學及免疫學實驗 | Microbiology & Immunology Laboratory | 選修 Elective | 1 | 1 | 0 | |
| 病理學實驗 | Pathology Laboratory | 選修 Elective | 1 | 1 | 0 | |
| 寄生蟲學實驗 | Parasitology Laboratory | 選修 Elective | 1 | 1 | 0 | |
| 善意溝通與關係修復 | Compassionate Communication and Relationship Restorative | 選修 Elective | 2 | 2 | 0 | |
| 長期照護 | Long-term Care | 選修 Elective | 2 | 0 | 2 | |
| 健康促進 | Health Promotion | 選修 Elective | 2 | 0 | 2 | |
| 護理與文化 | Transcultural Nursing | 選修 Elective | 2 | 0 | 2 | |
| 疾病營養學 | Therapeutic Nutrition | 選修 Elective | 2 | 0 | 2 | |
| 方劑學 | Prescriptions of Traditional Chinese Medicine | 選修 Elective | 2 | 0 | 2 | |
| 藥理學實驗 | Pharmacology Laboratory | 選修 Elective | 1 | 0 | 1 | |
| 老人評估與照護 | Assessment and Care of Older Adults | 選修 Elective | 2 | 0 | 2 | |

| 第 二 學 年 2nd Academic Year | | | | | | |
|---------------------------------|----------------------------------|---------------------------------|---------------------------------|--|--|---------------|
| 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 1 st Semester Credits | 第二 學期 2 nd Semester Credits | 備註 Remarks |
| 必修學分合計Required Credits Subtotal | | | 17 | 8 | 9 | |

| | | | | | | |
|----|--------------------|----------------|---|---|---|--|
| 體育 | Physical Education | 必修 Required | 1 | 1 | 0 | 共同教育課程 體育中心開課 Common Education Courses Provided by Sports Center |
| 體育 | Physical Education | 必修 Required | 1 | 0 | 1 | 共同教育課程 體育中心開課 Common Education Courses Provided by Sports Center |

| 第 三 學 年 3rd Academic Year | | | | | | |
|--------------------------------|--|---------------------------------|---------------------------------|--|--|---|
| 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 1 st Semester Credits | 第二 學期 2 nd Semester Credits | 備註 Remarks |
| 成人內外科護理學(一) | Adult Medical-surgical Nursing(I) | 必修 Required | 3 | 3 | 0 | |
| 生物統計學 | Biostatistics | 必修 Required | 2 | 2 | 0 | |
| 成人內外科護理學(二) | Adult Medical-surgical Nursing(II) | 必修 Required | 3 | 0 | 3 | |
| 成人內外科護理學實習(一) | Practicum in Adult Medical-surgical Nursing(I) | 必修 Required | 3 | 0 | 3 | |
| 兒科護理學實習 | Practicum in Pediatric Nursing | 必修 Required | 3 | 0 | 3 | 甲班選課 Class A |
| 婦嬰護理學實習 | Practicum in Maternal-newborn Nursing | 必修 Required | 3 | 0 | 3 | 甲班選課 Class A |
| 社區衛生護理學實習 | Practicum in Community Health Nursing | 必修 Required | 3 | 0 | 3 | 乙班選課 Class B |
| 精神衛生護理學實習 | Practicum in Psychiatric Mental Health Nursing | 必修 Required | 3 | 0 | 3 | 乙班選課 Class B |
| 護理學技術與實驗 | Nursing Skills and Laboratory | 必修 Required | 1 | 0 | 1 | |
| 兒科護理學 | Pediatric Nursing | 必修 Required | 3 | (3) | (3) | 甲班上學期選課 乙班下學期選課 Class A selects their course in the first semester, and Class B in the second |

| 第 三 學 年 3rd Academic Year | | | | | | |
|-------------------------------------|--|----------------------------|---------------------------------|--|--|---|
| 科目名稱 Course Name in Chinese | 科目英文名稱 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 |
| 社區衛生護理學 | Community Health Nursing | 必修 Required | 3 | (3) | (3) | 乙班上學期選課 甲班下學期選課 Class B selects their course in the first semester, and Class A in the second |
| 精神衛生護理學 | Psychiatric Mental Health Nursing | 必修 Required | 3 | (3) | (3) | 乙班上學期選課 甲班下學期選課 Class B selects their course in the first semester, and Class A in the second |
| 婦嬰護理學 | Maternal-Newborn Nursing | 必修 Required | 3 | (3) | (3) | 甲班上學期選課 乙班下學期選課 Class A selects their course in the first semester, and Class B in the second |
| 遺傳諮詢 | Genetic Counseling | 選修 Elective | 2 | 2 | 0 | |
| 安寧與緩和療護學 | Hospice and Palliative Nursing | 選修 Elective | 2 | 2 | 0 | |
| 護理資訊 | Introduction of Nursing Informatics | 選修 Elective | 2 | 2 | 0 | |
| 人類性學 | Human Sexuality | 選修 Elective | 2 | 2 | 0 | |
| 復健護理學 | Rehabilitation Nursing | 選修 Elective | 2 | 2 | 0 | |
| 老人護理學 | Gerontological Nursing | 選修 Elective | 2 | 2 | 0 | |
| 專業寫作技巧 | Writing Skills in Nursing | 選修 Elective | 2 | 2 | 0 | |
| 手術全期護理(含實驗) | Nursing of the Patient in Surgery | 選修 Elective | 2 | 2 | 0 | |
| 新生兒發展性照護 | Developmental Care | 選修 Elective | 2 | 2 | 0 | |
| 護理過程 | Nursing Process | 選修 Elective | 2 | 2 | 0 | |
| 人工智慧與機器學習導論與應用 | Introduction to Artificial Intelligence and Machine Learning | 選修 Elective | 2 | 2 | 0 | |
| 必修學分合計 Required Credits Subtotal | | | 30 | | | |

備註：護理學系選課須知：

一、第三學年護理學系專業必修課程分甲、乙兩班選課，不得跨班選課。

二、(1) 甲班上學期必修學分共計 11 學分，必修課程為：成人內外科護理學(一)、生物統計學、兒科護理學、婦嬰護理學。(2) 乙班上學期必修學分共計 11 學分，必修課程為：成人內外科護理學(一)、生物統計學、社區衛生護理學、精神衛生護理學。

三、(1) 甲班下學期必修學分共計 19 學分，必修課程為：成人內外科護理學(二)、成人內外科護理學實習(一)、社區衛生護理學、精神衛生護理學、兒科護理學實習、婦嬰護理學實習、護理學技術與實驗。

(2) 乙班下學期必修學分共計 19 學分，必修課程為：成人內外科護理學(二)、成人內外科護理學實習(一)、兒科護理學、婦嬰護理學、社區衛生護理學實習、精神衛生護理學實習、護理學技術與實驗。

Guidelines for Course Registration in the Nursing Department:

- During the third academic year, the Nursing Department offers professional required courses categorized into Class A and Class B. Please note that students cannot register for courses from both classes at the same time.
- Class A requires 11 credits in the first semester, covering Adult Medical-surgical Nursing (I), Biostatistics, Pediatric Nursing, and Maternal-Newborn Nursing.
 - Class B also requires 11 credits, including Adult Medical-surgical Nursing (I), Biostatistics, Community Health Nursing, and Psychiatric Mental Health Nursing.
- In the second semester, Class A requires 19 credits, including Adult Medical-surgical Nursing (II), Practicum in Adult Medical-surgical Nursing (I), Community Health Nursing, Psychiatric Mental Health Nursing, Practicum in Pediatric Nursing, Practicum in Maternal-newborn Nursing, and Nursing Skills and Laboratory.
 - Class B also requires 19 credits, comprising Adult Medical-surgical Nursing (II), Practicum in Adult Medical-surgical Nursing (I), Pediatric Nursing, Maternal-Newborn Nursing, Practicum in Community Health Nursing, Practicum in Psychiatric Mental Health Nursing, and Nursing Skills and Laboratory.

第 四 學 年

4th Academic Year

| 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 1 st Semester Credits | 第二 學期 2 nd Semester Credits | 備註 Remarks |
|--------------------------------|--|---------------------------------|---------------------------------|--|--|-----------------|
| 社區衛生護理學實習 | Practicum in Community Health Nursing | 必修 Required | 3 | 3 | 0 | 甲班選課 Class A |
| 精神衛生護理學實習 | Practicum in Psychiatric Mental Health Nursing | 必修 Required | 3 | 3 | 0 | 甲班選課 Class A |
| 婦嬰護理學實習 | Practicum in Maternal-newborn Nursing | 必修 Required | 3 | 3 | 0 | 乙班選課 Class B |
| 兒科護理學實習 | Practicum in Pediatric Nursing | 必修 Required | 3 | 3 | 0 | 乙班選課 Class B |
| 成人內外科護理學實習(二) | Practicum in Medical-surgical Nursing (II) | 必修 Required | 3 | 3 | 0 | |

| 第 四 學 年 4th Academic Year | | | | | | |
|--|---|----------------------------|---------------------------------|--|--|---------------|
| 科目名稱 Course Name in Chinese | 科目英文名稱 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 |
| 護理研究概論 | Introduction to Nursing Research | 必修 Required | 2 | 2 | 0 | |
| 護理行政概論 | Introduction to Nursing Administration | 必修 Required | 2 | 2 | 0 | |
| 綜合臨床護理學實習 | Practicum in Synopsis of Comprehensive Nursing Practice | 必修 Required | 4 | 0 | 4 | |
| 護理行政概論實習 | Practicum in Nursing Administration | 必修 Required | 2 | 0 | 2 | |
| 護理倫理與法律 | Nursing Ethics and Nurses Act | 必修 Required | 2 | 0 | 2 | |
| 重症護理 | Critical Care Nursing | 選修 Elective | 2 | 2 | 0 | |
| 急症照護 | Emergency Nursing | 選修 Elective | 2 | 2 | 0 | |
| 兒科急重症照護 | Pediatric Intensive Care Nursing | 選修 Elective | 2 | 2 | 0 | |
| 護理總論(一) | Comprehensive Review of Nursing (I) | 選修 Elective | 2 | 2 | 0 | |
| 護理專業問題研討 | Seminar in Nursing Professional Issues | 選修 Elective | 2 | 0 | 2 | |
| 國際健康議題 | Global Health Issues | 選修 Elective | 2 | 0 | 2 | |
| 護理總論(二) | Comprehensive Review of Nursing (II) | 選修 Elective | 1 | 0 | 1 | |
| 必修學分合計Required Credits Subtotal | | | 21 | | | |
| 最低畢業學分數 128 學分，必修 80 學分，通識 20 學分，體育 4 學分，選修 24 學分 Minimum graduation credits: 128 credits, compulsory 80 credits, general education 20 credits, physical education 4 credits, elective 24 credits | | | | | | |
| 說明Instructions： | | | | | | |

| 第 四 學 年 4th Academic Year | | | | | | |
|--------------------------------|---|---------------------------------|---------------------------------|--|--|---------------|
| 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 1 st Semester Credits | 第二 學期 2 nd Semester Credits | 備註 Remarks |
| 1. | <p>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」、「程式語言」、「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。</p> <p>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:</p> <p>Fundamental General Education Courses: These are mandatory and total 6 credits. They include courses such as "Multiculturalism and Languages," "Programming Languages," "Foundation of University Education," and "Service Learning."</p> <p>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.</p> <p>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."</p> | | | | | |
| 2. | <p>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，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。</p> <p>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 Intermediate Level. 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.</p> | | | | | |
| 3. | <p>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。</p> <p>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.</p> | | | | | |
| 4. | <p>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。</p> <p>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.</p> | | | | | |

| 第 四 學 年 | | | | | | |
|--------------------------------|---|---------------------------------|---------------------------------|--|--|---------------|
| 4th Academic Year | | | | | | |
| 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 1 st Semester Credits | 第二 學期 2 nd Semester Credits | 備註 Remarks |
| 5. | <p>跨域微學程認列之科目於下列情況不可重複認列學分數：1、其他跨域微學程之科目。2、學生主系之科目(包含必修、選修、專業選修)及通識課程。</p> <p>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.</p> | | | | | |

中山醫學大學

Chung Shan Medical University

114 學年度入學新生應修科目及學分表

Courses and Credits for Freshmen Admitted in the 114th Academic Year

醫學院醫學社會暨社會工作學系

Department of Medical Sociology and Social Work, College of Medicine

| 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 |
| 社會統計 | Social Statistics | 必修 Required | 6 | 3 | 3 | |
| 心理學 | Psychology | 必修 Required | 3 | 3 | 0 | |
| 社會工作概論 | Introduction to Social Work | 必修 Required | 3 | 3 | 0 | 實習資格 Practicum qualifications |
| 社會學 | Sociology | 必修 Required | 4 | 2 | 2 | 實習資格 Practicum qualifications |
| 人類行為與社會環境 | Human Behavior in Social Environment | 必修 Required | 3 | 0 | 3 | |
| 社會福利概論 | Introduction to Social Welfare | 必修 Required | 3 | 0 | 3 | |
| 法學緒論 | Introduction to Law | 選修 Elective | 2 | 2 | 0 | |
| 醫療與社會 | Medicine and Society | 選修 Elective | 2 | 2 | 0 | |
| 醫療照護概論 | Introduction to Medical Care | 選修 Elective | 2 | 2 | 0 | |
| 志願服務與志工管理 | Voluntary Service and Volunteer Management | 選修 Elective | 2 | 2 | 0 | |
| 婚姻與家庭 | Marriage and Family | 選修 Elective | 2 | 0 | 2 | |
| 社會問題 | Social Problem | 選修 Elective | 2 | 0 | 2 | |
| 文化社會學 | Cultural Sociology | 選修 Elective | 2 | 0 | 2 | |
| 性別與社會 | Gender and Society | 選修 Elective | 2 | 0 | 2 | |
| 社會照顧微學分 | Social Care Micro-credential | 選修 Elective | 1 | 0 | 1 | |
| 健康照顧社會工作 | Health Care Social Work | 選修 Elective | 2 | 0 | 2 | |
| 必修學分合計 Required Credits Subtotal | | | 22 | 11 | 11 | |

| 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 |
|--------------------------------|------------------------------------|----------------------------|---------------------------------|--|--|---|
| 多元文化與語文 | | 必修 Required | 2 | (2) | (2) | 共同教育課程 通識中心開課 Common Education Courses Provided by General Studies Center |
| 程式語言 | Programming Language | 必修 Required | 2 | 2 | 0 | 共同教育課程 通識中心開課 Common Education Courses Provided by General Studies Center |
| 大學之道 | Foundation of University Education | 必修 Required | 1 | 1 | 0 | 共同教育課程 通識中心開課 Common Education Courses Provided by General Studies Center |
| 服務學習 | Service Learning | 必修 Required | 1 | (1) | (1) | 共同教育課程 通識中心開課 Common Education Courses Provided by General Studies Center |
| 體育 | Physical Education | 必修 Required | 1 | 1 | 0 | 共同教育課程 體育中心開課 Common Education Courses Provided by Sports Center |
| 體育 | Physical Education | 必修 Required | 1 | 0 | 1 | 共同教育課程 體育中心開課 Common Education Courses Provided by Sports Center |

| 第 二 學 年 2nd 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 |
| 社會個案工作 | Social Casework | 必修 Required | 3 | 3 | 0 | 實習資格 Practicum qualifications |
| 社會團體工作 | Social Group Work | 必修 Required | 3 | 3 | 0 | 實習資格 Practicum qualifications |
| 醫療社會學 | Medical Sociology | 必修 Required | 4 | 2 | 2 | |
| 社會研究法 | Research Method of Society | 必修 Required | 4 | 2 | 2 | |
| 社會心理學 | Social Psychology | 必修 Required | 3 | 0 | 3 | |

| 第 二 學 年 2nd 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 |
| 醫療社會工作 | Medical Social Work | 必修 Required | 3 | 0 | 3 | |
| 組織行為 | Organizational Behavior | 必修 Required | 2 | 0 | 2 | |
| 醫療與文化 | Medicine and Culture | 選修 Elective | 2 | 2 | 0 | |
| 醫療福利政策 | Health Policy and Welfare | 選修 Elective | 2 | 2 | 0 | |
| 老人福利 | Welfare for the Aged | 選修 Elective | 2 | 2 | 0 | |
| 兒童及青少年福利 | Youth and Child Welfare | 選修 Elective | 2 | 2 | 0 | |
| 會談與助人技巧 | Counseling and Helping Skills | 選修 Elective | 2 | 2 | 0 | |
| 司法社會工作 | Judicial Social Work | 選修 Elective | 2 | 2 | 0 | |
| 醫事法規與醫療權利 | Medical Law and Patient's Right | 選修 Elective | 2 | 0 | 2 | |
| 社會保險 | Social Insurance | 選修 Elective | 2 | 0 | 2 | |
| 學校社會工作 | School Social Work | 選修 Elective | 2 | 0 | 2 | |
| 身心障礙者福利 | Welfare and Social Services for the Disabled | 選修 Elective | 2 | 0 | 2 | |
| 家庭暴力與保護 | Family Violence and Protection Service | 選修 Elective | 2 | 0 | 2 | |
| 國際社會工作 | International Social Work | 選修 Elective | 2 | 0 | 2 | 全英語授課 Taught in English |
| 家事事務與社會工作 | Family Affairs and Social work | 選修 Elective | 2 | 0 | 2 | |
| 科技、醫療與社會 | Science, Technology, Medicine and Society | 選修 Elective | 2 | 0 | 2 | |
| 必修學分合計 Required Credits Subtotal | | | 22 | 10 | 12 | |

| 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 |
|--------------------------------|----------------------------------|----------------------------|---------------------------------|--|--|--|
| 體育 | Physical Education | 必修 Required | 1 | 1 | 0 | 共同教育課程 體育中心開課 Common Education Courses Provided by Sports Center |

| | | | | | | |
|----|--------------------|----------------|---|---|---|--|
| 體育 | Physical Education | 必修 Required | 1 | 0 | 1 | 共同教育課程 體育中心開課 Common Education Courses Provided by Sports Center |
|----|--------------------|----------------|---|---|---|--|

| 第 三 學 年 3rd 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 |
| 方案設計與評估 | Program Design and Evaluation | 必修 Required | 3 | 3 | 0 | |
| 社會工作管理 | Social Work Management | 必修 Required | 3 | 3 | 0 | |
| 社會學理論 | Theory of Sociology | 必修 Required | 3 | 3 | 0 | |
| 社區組織與發展 | Community Organization and Development | 必修 Required | 3 | 3 | 0 | |
| 社會福利行政 | Social Welfare Administration | 必修 Required | 3 | 0 | 3 | |
| 經濟社會學 | Economic Sociology | 必修 Required | 3 | 0 | 3 | |
| 質性研究 | Qualitative Research | 必修 Required | 2 | 0 | 2 | |
| 醫療制度比較研究 | Research on Comparative Health System | 選修 Elective | 2 | 2 | 0 | |
| 婦女福利 | Women's Welfare | 選修 Elective | 2 | 2 | 0 | |
| 心理衛生與精神醫療社會工作 | Psychiatric Social Work | 選修 Elective | 2 | 2 | 0 | |
| 病友組織與互助 | Patient Organization and Mutual Help | 選修 Elective | 2 | 2 | 0 | |
| 人權與社會工作 | Human Rights and Social Work | 選修 Elective | 2 | 2 | 0 | |
| 醫病關係與溝通 | Patient-doctor Interaction | 選修 Elective | 2 | 0 | 2 | |
| 健康照護系統 | Health Care System | 選修 Elective | 2 | 0 | 2 | |
| 團體治療 | Group Therapy | 選修 Elective | 2 | 0 | 2 | |
| 社會流行病學 | Social Epidemiology | 選修 Elective | 2 | 0 | 2 | 全英語授課 Taught in English |
| 老年社會學 | Social Gerontology | 選修 Elective | 2 | 0 | 2 | |
| 當代社會學理論 | Theory of Contemporary Sociology | 選修 Elective | 2 | 0 | 2 | |
| 社會醫療與倫理 | Social Medicine and Ethics | 選修 Elective | 2 | 0 | 2 | |
| 安寧與緩和照護社會工作 | Social Work in Hospice and Palliative Care | 選修 Elective | 2 | 0 | 2 | |

| 第 三 學 年 3rd 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 |
| 必修學分合計 Required Credits Subtotal | | | 20 | 12 | 8 | |

| 第 四 學 年 4th 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 |
| 社會政策與社會立法 | Social Policy and Legislation | 必修 Required | 3 | 3 | 0 | |
| 社會工作實習(一) | Practicum in Social Work (I) | 必修 Required | 3 | 3 | 0 | |
| 社會工作實習(二) | Practicum in Social Work (II) | 必修 Required | 2 | 0 | 2 | |
| 社會工作倫理 | Social Work Ethics | 必修 Required | 2 | 0 | 2 | |
| 社會工作理論 | Theory of Social Work | 選修 Elective | 2 | 0 | 2 | |
| 政治社會學 | Political Sociology | 選修 Elective | 2 | 0 | 2 | |
| 死亡與臨終關懷 | Death and Dying Care | 選修 Elective | 2 | 0 | 2 | |
| 長照社會工作臨床實務 | Long-term Care and Social Work Practice | 選修 Elective | 2 | 0 | 2 | |
| 必修學分合計 Required Credits Subtotal | | | 10 | 6 | 4 | |
| 最低畢業學分數 128 學分，必修 74 學分，通識 20 學分，體育 4 學分，選修 30 學分 Minimum graduation credits: 128credits, compulsory 74 credits, general education 20 credits, physical education 4 credits, elective 30 credits | | | | | | |
| 說明Instructions： | | | | | | |

| | |
|----|---|
| 1. | <p>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。包括：「多元文化與語文」、「程式語言」、「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)。包括：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。</p> <p>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:</p> <p>Fundamental General Education Courses: These are mandatory and total 6 credits. They include courses such as "Multiculturalism and Languages," "Programming Languages," "Foundation of University Education," and "Service Learning."</p> <p>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.</p> <p>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."</p> |
| 2. | <p>學生應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，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。</p> <p>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 Intermediate Level. 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.</p> |
| 3. | <p>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。</p> <p>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.</p> |
| 4. | <p>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。</p> <p>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.</p> |
| 5. | <p>跨域微學程認列之科目於下列情況不可重複認列學分數：1、其他跨域微學程之科目。2、學生主系之科目(包含必修、選修、專業選修)及通識課程。</p> <p>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.</p> |
| 6. | <p>選修 30 學分其中內含本系專業選修課程至少須修滿 20 學分。</p> <p>Take 30 credits of electives, including at least 20 credits of elective courses for majors in this department.</p> |

中山醫學大學

Chung Shan Medical University

114 學年度入學新生應修科目及學分表

Courses and Credits for Freshmen Admitted in the 114th Academic Year

醫學院心理學系

Department of Psychology, College of Medicine

| 第 一 學 年 | | | | | | |
|----------------------------------|--|----------------------------|---------------------------------|--|--|---|
| 1 st Academic Year | | | | | | |
| 科目名稱 Course Name in Chinese | 科目英文名稱 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 |
| 普通心理學(一) | General Psychology(I) | 必修 Required | 3 | 3 | 0 | |
| 心理與教育統計學(一) | Statistics in Psychology and Education(I) | 必修 Required | 3 | 3 | 0 | |
| 普通心理學(二) | General Psychology(II) | 必修 Required | 3 | 0 | 3 | |
| 心理與教育統計學(二) | Statistics in Psychology and Education(II) | 必修 Required | 3 | 0 | 3 | |
| 生理學 | Physiology | 必修 Required | 2 | 0 | 2 | |
| 心理學研究法(一) | Research Method of Psychology(I) | 必修 Required | 2 | 0 | 2 | |
| 腦傷與行為 | Brain Damage and Behavior | 選修 Elective | 2 | 2 | 0 | 專業選修 Professional Electives |
| 性別與心理健康 | Gender and Mental Health | 選修 Elective | 2 | 2 | 0 | 專業選修 Professional Electives |
| 心理學與職涯規畫 | Psychology and Career Planning | 選修 Elective | 2 | 2 | 0 | 專業選修 Professional Electives |
| 成癮藥物導論 | Introduction to Drug Abuse | 選修 Elective | 2 | 0 | 2 | 專業選修 Professional Electives |
| 輔導原理 | Principle of Guidance | 選修 Elective | 2 | 0 | 2 | 專業選修 Professional Electives |
| 統計軟體實務 | Statistical Software | 選修 Elective | 2 | 0 | 2 | 專業選修 Professional Electives |
| 必修學分合計 Required Credits Subtotal | | | 16 | 6 | 10 | |
| | | | | | | |
| 程式語言 | Programming Language | 必修 Required | 2 | 0 | 2 | 共同教育課程 通識中心開課 Common Education Courses Provided by General Studies Center |

| 第 一 學 年 1 st Academic Year | | | | | | |
|--|------------------------------------|----------------------------|---------------------------------|--|--|--|
| 科目名稱 Course Name in Chinese | 科目英文名稱 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 |
| 多元文化與語文 | | 必修 Required | 2 | (2) | (2) | 共同教育課程 通識中心開課 Common Education Courses Provided by General Studies Center |
| 大學之道 | Foundation of University Education | 必修 Required | 1 | 1 | 0 | 共同教育課程 通識中心開課 Common Education Courses Provided by General Studies Center |
| 服務學習 | Service Learning | 必修 Required | 1 | (1) | (1) | 共同教育課程 通識中心開課 Common Education Courses Provided by General Studies Center |
| 體育 | Physical Education | 必修 Required | 1 | 1 | 0 | 共同教育課程 體育中心開課 Common Education Courses Provided by Sports Center |
| 體育 | Physical Education | 必修 Required | 1 | 0 | 1 | 共同教育課程 體育中心開課 Common Education Courses Provided by Sports Center |

| 第 二 學 年 2 nd Academic Year | | | | | | |
|--|-----------------------------------|-------------------------------|---------------------------------|--|--|---------------|
| 科目名稱 Course Name in Chinese | 英文科目名稱 Course Name in English | 必修/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 |
| 發展心理學 | Developmental Psychology | 必修 Required | 3 | 3 | 0 | |
| 心理測驗學 | Psychological Testing | 必修 Required | 3 | 3 | 0 | |
| 人格心理學 | Personality Psychology | 必修 Required | 3 | 3 | 0 | |
| 知覺心理學 | Perceptual Psychology | 必修 Required | 3 | 3 | 0 | |
| ※心理學研究法(二) | Research Method of Psychology(II) | 必修 Required | 2 | 2 | 0 | |

| 第 二 學 年 2nd Academic Year | | | | | | |
|----------------------------------|--|------------------------------|---------------------------------|--|--|--------------------------------|
| 科目名稱 Course Name in Chinese | 英文科目名稱 Course Name in English | 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 |
| 認知心理學 | Cognitive Psychology | 必修 Required | 3 | 0 | 3 | |
| 社會心理學 | Social Psychology | 必修 Required | 3 | 0 | 3 | |
| ※諮商理論與技術 | Theory and Practice of Counseling | 必修 Required | 3 | 0 | 3 | |
| 認知知覺心理學實驗 | Cognitive and Perceptual Psychology Laboratory | 必修 Required | 2 | 0 | 2 | |
| 心理測驗實務 | Practice in Psychological Testing | 必修 Required | 1 | 0 | 1 | |
| 心理衛生 | Mental Health | 選修 Elective | 2 | 2 | 0 | 專業選修 Professional Electives |
| 普通社會學 | General Sociology | 選修 Elective | 2 | 2 | 0 | 專業選修 Professional Electives |
| 專題研究(一) | Independent Study(I) | 選修 Elective | 2 | 2 | 0 | 專業選修 Professional Electives |
| 輔導實務 | Practice in Guidance | 選修 Elective | 2 | 2 | 0 | 專業選修 Professional Electives |
| 專題研究(二) | Independent Study (II) | 選修 Elective | 2 | 0 | 2 | 專業選修 Professional Electives |
| 創傷心理學 | Trauma Psychology | 選修 Elective | 2 | 0 | 2 | 專業選修 Professional Electives |
| 成人發展與老化 | Adult Development and Aging | 選修 Elective | 2 | 0 | 2 | 專業選修 Professional Electives |
| 必修學分合計 Required Credits Subtotal | | | 26 | 14 | 12 | |

| | | | | | | |
|----|--------------------|----------------|---|---|---|--|
| 體育 | Physical Education | 必修 Required | 1 | 1 | 0 | 共同教育課程 體育中心開課 Common Education Courses Provided by Sports Center |
| 體育 | Physical Education | 必修 Required | 1 | 0 | 1 | 共同教育課程 體育中心開課 Common Education Courses Provided by Sports Center |

第 三 學 年

3rd Academic Year

| 科目名稱 Course Name in Chinese | 英文科目名稱 Course Name in English | 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 |
|--------------------------------|--|------------------------------|---------------------------------|--|--|--------------------------------|
| ※變態心理學 | Abnormal Psychology | 必修 Required | 3 | 3 | 0 | |
| 神經解剖與生理 | Neural Anatomy and Physiology | 必修 Required | 3 | 3 | 0 | |
| 社會及人格心理學實驗 | Social and Personality Psychology Laboratory | 必修 Required | 2 | 2 | 0 | |
| 生理心理學 | Biopsychology | 必修 Required | 3 | 0 | 3 | |
| 早期療育實務 | Practice in Early Intervention | 選修 Elective | 3 | 3 | 0 | 專業選修 Professional Electives |
| 心理藥物學 | Psychopharmacology | 選修 Elective | 2 | 2 | 0 | 專業選修 Professional Electives |
| 生理心理學實驗 | Biopsychological Laboratory | 選修 Elective | 2 | 2 | 0 | 專業選修 Professional Electives |
| 工商心理學概論 | Introduction to Industrial and Organizational Psychology | 選修 Elective | 2 | 2 | 0 | 專業選修 Professional Electives |
| 認知神經心理學 | Cognitive Neuropsychology | 選修 Elective | 2 | 2 | 0 | 專業選修 Professional Electives |
| 腦電圖與事件關聯電位實驗 | Electroencephalography/Event Potentials (EEG/ERP) Laboratory | 選修 Elective | 2 | 2 | 0 | 專業選修 Professional Electives |
| 情緒心理學 | Emotion | 選修 Elective | 2 | 2 | 0 | 專業選修 Professional Electives |
| 悲傷諮商 | Grief Counseling | 選修 Elective | 2 | 2 | 0 | 專業選修 Professional Electives |
| 孕產期心理健康 | Perinatal Mental Health | 選修 Elective | 2 | 2 | 0 | 專業選修 Professional Electives |
| 健康心理學 | Health Psychology | 選修 Elective | 3 | 0 | 3 | 專業選修 Professional Electives |
| ※心理衡鑑 | Psychological Assessment | 選修 Elective | 3 | 0 | 3 | 專業選修 Professional Electives |
| 行為治療 | Behavioral Therapy | 選修 Elective | 3 | 0 | 3 | 專業選修 Professional Electives |
| 團體心理治療 | Group Psychotherapy | 選修 Elective | 3 | 0 | 3 | 專業選修 Professional Electives |

第 三 學 年

3rd Academic Year

| 科目名稱 Course Name in Chinese | 英文科目名稱 Course Name in English | 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 |
|----------------------------------|--|------------------------------|---------------------------------|--|--|-----------------------------------|
| 兒童青少年心智健康與數位科技 | Digital Technology in Child and Adolescent Mental Health | 選修 Elective | 3 | 0 | 3 | 專業選修 Professional Electives |
| 兒童偏差行為 | Abnormal Psychology in Childhood | 選修 Elective | 2 | 0 | 2 | 專業選修 Professional Electives |
| 犯罪心理學 | Criminal Psychology | 選修 Elective | 2 | 0 | 2 | 專業選修 Professional Electives |
| 精神醫學概論 | Introduction to Psychiatric Medicine | 選修 Elective | 2 | 0 | 2 | 專業選修 Professional Electives |
| 必修學分合計 Required Credits Subtotal | | | 11 | 8 | 3 | |

第 四 學 年

4th Academic Year

| 科目名稱 Course Name in Chinese | 英文科目名稱 Course Name in English | 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 |
|--------------------------------|---|------------------------------|---------------------------------|--|--|-----------------------------------|
| ※臨床心理學 | Clinical Psychology | 必修 Required | 3 | 3 | 0 | |
| 司法心理學概論 | Introduction to Forensic Psychology | 選修 Elective | 3 | 3 | 0 | 專業選修 Professional Electives |
| 臨床心理學專題討論 | Seminar in Clinical Psychology | 選修 Elective | 2 | 2 | 0 | 專業選修 Professional Electives |
| 臨床神經心理學 | Clinical Neuropsychology | 選修 Elective | 2 | 2 | 0 | 專業選修 Professional Electives |
| ※心理學實務 | Practice in Psychology | 選修 Elective | 2 | 2 | 0 | 專業選修 Professional Electives |
| 兒童臨床心理學實務 | Practice in Clinical Child Psychology | 選修 Elective | 2 | 2 | 0 | 專業選修 Professional Electives |
| 注意力不足過動症專題 | Seminar in Attention Deficit Hyperactivity Disorder | 選修 Elective | 2 | 2 | 0 | 專業選修 Professional Electives |
| 團體心理治療實務 | Practice of Group Psychotherapy | 選修 Elective | 2 | 2 | 0 | 專業選修 Professional Electives |

第 四 學 年

4th Academic Year

| 科目名稱 Course Name in Chinese | 英文科目名稱 Course Name in English | 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 |
|---------------------------------|-----------------------------------|------------------------------|---------------------------------|--|--|-----------------------------------|
| 兒童遊戲治療 | Child Play Therapy | 選修 Elective | 3 | 0 | 3 | 專業選修 Professional Electives |
| 助人專業倫理 | Ethics in the Helping Professions | 選修 Elective | 2 | 0 | 2 | 專業選修 Professional Electives |
| 生理回饋 | Biofeedback | 選修 Elective | 2 | 0 | 2 | 專業選修 Professional Electives |
| 親職諮詢 | Parenting Consultation | 選修 Elective | 2 | 0 | 2 | 專業選修 Professional Electives |
| 必修學分合計Required Credits Subtotal | | | 3 | 3 | 0 | |

最低畢業學分數 128 學分，必修學分數 56 學分，通識 20 學分，體育 4 學分，選修 48 學分

Minimum graduation credits: 128 credits, compulsory 56 credits, general education 20 credits, physical education 4 credits, elective 48 credits

說明Instructions：

- 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」、「程式語言」、「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。

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," "Programming Languages," "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."

第 四 學 年

4th Academic Year

| 科目名稱 Course Name in Chinese | 英文科目名稱 Course Name in English | 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 |
|--------------------------------|---|------------------------------|---------------------------------|--|--|---------------|
| 2. | <p>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 <u>全民英檢中級初試</u>，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。</p> <p>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 <u>the preliminary test of the GEPT Intermediate Level</u>. 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.</p> | | | | | |
| 3. | <p>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。</p> <p>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.</p> | | | | | |
| 4. | <p>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。</p> <p>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.</p> | | | | | |
| 5. | <p>跨域微學程認列之科目於下列情況不可重複認列學分數：1、其他跨域微學程之科目。2、學生主系之科目(包含必修、選修、專業選修)及通識課程。</p> <p>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.</p> | | | | | |
| 6. | <p>至少選修 30 學分專業選修課程，始得畢業(系上所開選修課程，皆為專業選修)。</p> <p>To graduate, students must complete at least 30 credits in Professional Elective courses. (The Elective courses offered by our department are all Professional Elective courses).</p> | | | | | |
| 7 | <p>擋修課程以※標註，擋修規定依「中山醫學大學心理學系學士班課程擋修辦法」辦理。</p> <p>Course prerequisites are marked with ※, and the regulations for course prerequisites are handled in accordance with the "Regulations for Course prerequisite in the Bachelor's Program of the Department of Psychology, Chung Shan Medical University".</p> | | | | | |

中山醫學大學

Chung Shan Medical University

114 學年度入學新生應修科目及學分表

Courses and Credits for Freshmen Admitted in the 114th Academic Year

口腔醫學院牙醫學系

School of Dentistry, College of Oral Medicine

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 |
|----------------------------------|---|----------------------------|---------------------------------|--|--|---------------|
| 大體解剖學 | Gross Anatomy | 必修 Required | 3 | 3 | 0 | |
| 普通化學 | General Chemistry | 必修 Required | 2 | 2 | 0 | |
| 普通物理學 | General Physics | 必修 Required | 2 | 2 | 0 | |
| 牙醫學概論 | Introduction to Dentistry | 必修 Required | 2 | 2 | 0 | |
| 普通生物學(一) | General Biology (I) | 必修 Required | 2 | 2 | 0 | |
| 大體解剖學實驗 | Gross Anatomy Laboratory | 必修 Required | 3 | 0 | 3 | |
| 有機化學 | Organic Chemistry | 必修 Required | 2 | 0 | 2 | |
| 牙科研究法及實驗 | Method Research for Dentistry & Laboratory | 必修 Required | 2 | 0 | 2 | |
| 普通生物學(二) | General Biology (II) | 必修 Required | 2 | 0 | 2 | |
| 普通生物學實驗 | General Biology Laboratory | 必修 Required | 1 | 0 | 1 | |
| 醫療資訊概論 | Introduction to Medical Information | 必修 Required | 1 | 0 | 1 | |
| 期刊導讀與論文寫作 | Introduction to Academic Journals and Research Writing | 選修 Elective | 2 | 2 | 0 | |
| 健康老化，樂齡生活 | Healthy Aging | 選修 Elective | 2 | 2 | 0 | |
| 醫學全人照護與溝通藝術-從理論到實踐 | Holistic Medical Care and Communication Arts: From Theory to Practice | 選修 Elective | 2 | 0 | 2 | |
| 必修學分合計 Required Credits Subtotal | | | 22 | 11 | 11 | |

| | | | | | | |
|---------|--|----------------|---|-----|-----|---|
| 多元文化與語文 | | 必修 Required | 2 | (2) | (2) | 共同教育課程 通識中心開課 Common Education Courses Provided by General Studies Center |
|---------|--|----------------|---|-----|-----|---|

| | | | | | | |
|------|------------------------------------|----------------|---|-----|-----|---|
| 程式語言 | Programming Language | 必修 Required | 2 | 2 | 0 | 共同教育課程 通識中心開課 Common Education Courses Provided by General Studies Center |
| 大學之道 | Foundation of University Education | 必修 Required | 1 | 1 | 0 | 共同教育課程 通識中心開課 Common Education Courses Provided by General Studies Center |
| 服務學習 | Service Learning | 必修 Required | 1 | (1) | (1) | 共同教育課程 通識中心開課 Common Education Courses Provided by General Studies Center |
| 體育 | Physical Education | 必修 Required | 1 | 1 | 0 | 共同教育課程 體育中心開課 Common Education Courses Provided by Sports Center |
| 體育 | Physical Education | 必修 Required | 1 | 0 | 1 | 共同教育課程 體育中心開課 Common Education Courses Provided by Sports Center |

| 第 二 學 年 2nd 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 |
| 微生物學及免疫學 | Microbiology & Immunology | 必修 Required | 4 | 2 | 2 | |
| 組織學 | Histology | 必修 Required | 2 | 2 | 0 | |
| 公共衛生學 | Introduction to Public Health | 必修 Required | 2 | 2 | 0 | |
| 生物統計學 | Biostatistics | 必修 Required | 2 | 2 | 0 | |
| 生涯規劃 | Life Management | 必修 Required | 2 | 2 | 0 | |
| 生物化學(一) | Biochemistry(I) | 必修 Required | 2 | 2 | 0 | |
| 微生物學及免疫學實驗 | Microbiology & Immunology Laboratory | 必修 Required | 2 | 1 | 1 | |
| 組織學實驗 | Histology Laboratory | 必修 Required | 1 | 1 | 0 | |

第 二 學 年

2nd Academic Year

| 科目名稱 Course Name in Chinese | 英文科目名稱 Course Name in English | 必修 Required | 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 |
|---------------------------------|---|----------------|------------------------------|--|--|---------------|
| 神經解剖學（含實驗） | Neuroanatomy (include lab) | 必修 Required | 1 | 1 | 0 | |
| 口腔解剖學 | Oral Anatomy | 必修 Required | 2 | 0 | 2 | |
| 牙科公共衛生學 | Dental Public Health | 必修 Required | 2 | 0 | 2 | |
| 牙體形態學 | Dental Morphology | 必修 Required | 2 | 0 | 2 | |
| 生物化學(二) | Biochemistry(II) | 必修 Required | 2 | 0 | 2 | |
| 口腔解剖學實驗 | Oral Anatomy Laboratory | 必修 Required | 1 | 0 | 1 | |
| 生物化學實驗 | Biochemistry Laboratory | 必修 Required | 1 | 0 | 1 | |
| 口腔胚胎及組織學 | Oral Embryology & Histology | 必修 Required | 1 | 0 | 1 | |
| 口腔胚胎及組織學實驗 | Oral Embryology & Histology Laboratory | 必修 Required | 1 | 0 | 1 | |
| 牙體形態學實驗 | Dental Morphology Laboratory | 必修 Required | 1 | 0 | 1 | |
| 數位牙醫學導論及實作 | Introduction to CAD/CAM & Digital Dentistry and Practicum | 必修 Required | 1 | 0 | 1 | |
| 必修學分合計Required Credits Subtotal | | | 32 | 15 | 17 | |

| | | | | | | |
|----|--------------------|----------------|---|---|---|--|
| 體育 | Physical Education | 必修 Required | 1 | 1 | 0 | 共同教育課程 體育中心開課 Common Education Courses Provided by Sports Center |
| 體育 | Physical Education | 必修 Required | 1 | 0 | 1 | 共同教育課程 體育中心開課 Common Education Courses Provided by Sports Center |

第 三 學 年

3rd 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 |
|--------------------------------|----------------------------------|----------------------------|---------------------------------|--|--|---------------|
| 牙體復形學 | Operative Dentistry | 必修 Required | 4 | 2 | 2 | |
| 藥理學 | Pharmacology | 必修 Required | 4 | 2 | 2 | |
| 病理學 | Pathology | 必修 Required | 2 | 2 | 0 | |
| 牙科器材學 | Dental Materials | 必修 Required | 2 | 2 | 0 | |
| 咬合學 | Occlusion | 必修 Required | 2 | 2 | 0 | |
| 生理學(一) | Physiology(I) | 必修 Required | 2 | 2 | 0 | |
| 牙體復形學實驗 | Operative Dentistry Laboratory | 必修 Required | 2 | 1 | 1 | |
| 病理學實驗 | Pathology Laboratory | 必修 Required | 1 | 1 | 0 | |
| 口腔病理學 | Oral Pathology | 必修 Required | 2 | 0 | 2 | |
| 臨床牙科藥理學 | Clinical Dental Pharmacology | 必修 Required | 2 | 0 | 2 | |
| 生理學(二) | Physiology(II) | 必修 Required | 2 | 0 | 2 | |
| 口腔病理學實驗 | Oral Pathology Laboratory | 必修 Required | 1 | 0 | 1 | |
| 生理學實驗 | Physiology Laboratory | 必修 Required | 1 | 0 | 1 | |
| 咬合學實驗 | Dental Occlusion Laboratory | 必修 Required | 1 | 0 | 1 | |
| 藥理學實驗 | Pharmacology Laboratory | 必修 Required | 1 | 0 | 1 | |
| 口腔免疫學概論 | Introduction to Oral Immunology | 選修 Elective | 2 | 2 | 0 | |
| 社區牙醫學 | Community Dentistry | 選修 Elective | 2 | 2 | 0 | |
| 口腔微生物 | Oral Microbiology | 選修 Elective | 1 | 0 | 1 | |

第 三 學 年

3rd Academic Year

| 科目名稱 Course Name in Chinese | 英文科目名稱 Course Name in English | 必修 Required | 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 |
|---------------------------------|----------------------------------|----------------|------------------------------|--|--|---------------|
| 牙科器材學實驗 | Dental Materials Laboratory | 選修 Elective | 1 | 0 | 1 | |
| 必修學分合計Required Credits Subtotal | | | 29 | 14 | 15 | |

第 四 學 年

4th Academic Year

| 科目名稱 Course Name in Chinese | 英文科目名稱 Course Name in English | 必修 Required | 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 |
|--------------------------------|--|----------------|------------------------------|--|--|---------------|
| 全口補綴學 | Complete Denture | 必修 Required | 4 | 2 | 2 | |
| 固定補綴學 | Fixed Prosthodontics | 必修 Required | 4 | 2 | 2 | |
| 牙周病學 | Periodontology | 必修 Required | 3 | 2 | 1 | |
| 內科學概論 | Introduction to Internal Medicine | 必修 Required | 2 | 2 | 0 | |
| 外科學概論 | Introduction to Surgery | 必修 Required | 2 | 2 | 0 | |
| 牙髓病學 | Endodontics | 必修 Required | 2 | 2 | 0 | |
| 全口補綴學實驗 | Complete Denture Laboratory | 必修 Required | 2 | 1 | 1 | |
| 固定補綴學實驗 | Fixed Prosthodontics Laboratory | 必修 Required | 2 | 1 | 1 | |
| 臨床診斷學 | Clinical Diagnosis | 必修 Required | 1 | 1 | 0 | |
| 牙科臨床教學及討論(一) | Clinical Instruction & Discussion in Dentistry (I) | 必修 Required | 1 | 1 | 0 | |
| 牙醫到宅醫療暨特殊需求者口腔醫學 | Domiciliary and Special Needs Dentistry | 必修 Required | 1 | 1 | 0 | |

第 四 學 年

4th Academic Year

| 科目名稱 Course Name in Chinese | 英文科目名稱 Course Name in English | 必修 Required | 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 |
|----------------------------------|---|----------------|------------------------------|--|--|---------------|
| 咀嚼吞嚥障礙暨高齡者口腔醫學 | Mastication, Dysphagia, and Geriatric Dentistry | 必修 Required | 1 | 1 | 0 | |
| 牙科放射線學 | Dental Roentgenology | 必修 Required | 2 | 0 | 2 | |
| 急診醫學 | Emergency Medicine | 必修 Required | 2 | 0 | 2 | |
| 牙醫倫理學 | Dentist Ethics | 必修 Required | 1 | 0 | 1 | |
| 牙髓病學實驗 | Endodontics Laboratory | 必修 Required | 1 | 0 | 1 | |
| 牙周病學實驗 | Periodontology Laboratory | 必修 Required | 1 | 0 | 1 | |
| 耳鼻喉科學 | Otolaryngology | 必修 Required | 1 | 0 | 1 | |
| 牙科臨床教學及討論(二) | Clinical Instruction & Discussion in Dentistry (II) | 必修 Required | 1 | 0 | 1 | |
| 牙科麻醉學(含實驗) | Dental Anesthesiology(include lab) | 必修 Required | 1 | 0 | 1 | |
| 牙科美學 | Esthetic Dentistry | 選修 Elective | 2 | 2 | 0 | |
| 矯正數位 3D 排牙學 | Three Dimension Ddigital Orthodontics | 選修 Elective | 1 | 1 | 0 | |
| 口腔流行病學概論 | Introduction to Oral Epidemiology | 選修 Elective | 2 | 0 | 2 | |
| 口腔雷射醫學 | Laser Application in Dentistry | 選修 Elective | 2 | 0 | 2 | |
| 3D 列印與設計 | 3D Printing and Design | 選修 Elective | 1 | 0 | 1 | |
| 必修學分合計 Required Credits Subtotal | | | 35 | 18 | 17 | |

第 五 學 年

5th Academic Year

第 五 學 年

5th 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 |
|--------------------------------|---|----------------------------|---------------------------------|--|--|---------------|
| 口腔顎面外科學 | Oral and Maxillofacial Surgery | 必修 Required | 6 | 3 | 3 | |
| 局部補綴學 | Removable Partial Denture | 必修 Required | 4 | 2 | 2 | |
| 口腔植體學 | Oral Implantology | 必修 Required | 2 | 2 | 0 | |
| 口腔內科暨診斷學 | Oral Medicine and Diagnosis | 必修 Required | 2 | 2 | 0 | |
| 兒童牙科學 | Pedodontics | 必修 Required | 3 | 1 | 2 | |
| 局部補綴學實驗 | Removable Partial Denture Laboratory | 必修 Required | 2 | 1 | 1 | |
| 齒顎矯正學實驗 | Orthodontics Laboratory | 必修 Required | 2 | 1 | 1 | |
| 齒顎矯正學 | The Orthodontics | 必修 Required | 2 | 1 | 1 | |
| 牙醫臨床技能學 | Clinical Skill in Dentistry | 必修 Required | 2 | 1 | 1 | |
| 兒童牙科學實驗 | Pediatric Dentistry Laboratory | 必修 Required | 1 | 1 | 0 | |
| 牙科臨床教學及討論(三) | Clinical Instruction & Discussion in Dentistry (III) | 必修 Required | 1 | 1 | 0 | |
| 家庭牙醫學 | Family Dentistry | 必修 Required | 1 | 1 | 0 | |
| 牙科臨床教學及討論(四) | Clinical Instruction & Discussion in Dentistry (IV) | 必修 Required | 1 | 0 | 1 | |
| 進階數位牙醫學(含實驗) | Advanced CAD/CAM & Digital Dentistry (include lab) | 必修 Required | 1 | 0 | 1 | |
| 數位顯微鏡技術與進階根管治療 | Digital Microscope Technique in Advance Endodontics | 選修 Elective | 2 | 2 | 0 | |
| 牙醫數位軟體的理論與實際(一) | The Theory and Practice of Dental Digital Software(I) | 選修 Elective | 1 | 1 | 0 | |
| 拔牙學 | Exodontics | 選修 Elective | 2 | 0 | 2 | |

第 五 學 年

5th Academic Year

| 科目名稱 Course Name in Chinese | 英文科目名稱 Course Name in English | 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 |
|---------------------------------|---|---------------------------------|---------------------------------|--|--|---------------|
| 美容牙醫學 | Cosmetic Dentistry | 選修 Elective | 2 | 0 | 2 | |
| 進階口腔植體學(含實驗) | Advanced Oral Implantology(include lab) | 選修 Elective | 2 | 0 | 2 | |
| 牙醫數位軟體的理論與實際 (二) | The Theory and Practice of Dental Digital Software(II) | 選修 Elective | 1 | 0 | 1 | |
| 匱復補綴整合治療 | Interdisciplinary Approach for Prosthodontic Treatment | 選修 Elective | 1 | 1 | 0 | |
| 進階匱復補綴整合治療 | Advanced Interdisciplinary Approach for Prosthodontic Treatment | 選修 Elective | 1 | 0 | 1 | |
| 必修學分合計Required Credits Subtotal | | | 30 | 17 | 13 | |

第 六 學 年

6th Academic Year

| 科目名稱 Course Name in Chinese | 英文科目名稱 Course Name in English | 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 |
|--------------------------------|---|---------------------------------|---------------------------------|--|--|---------------|
| 口腔顎面外科學臨床實習 | Practicum in Oral & Maxillofacial Surgery | 必修 Required | 8 | (8) | (8) | |
| 口腔診斷臨床實習 | Practicum in Dental Diagnosis | 必修 Required | 4 | (4) | (4) | |
| 牙科放射線學臨床實習 | Practicum in Dental Roentgenology | 必修 Required | 2 | (2) | (2) | |
| 牙周病學臨床實習 | Practicum in Periodontology | 必修 Required | 4 | (4) | (4) | |
| 牙體復形學臨床實習 | Practicum in Operative Dentistry | 必修 Required | 6 | (6) | (6) | |
| 牙科臨床討論 | Dental Clinical Pathological Conference | 必修 Required | 2 | (2) | (2) | |
| 牙髓病學臨床實習 | Practicum in Endodontics | 必修 Required | 4 | (4) | (4) | |
| 全口補綴學臨床實習 | Practicum in Complete Denture Prosthesis | 必修 Required | 4 | (4) | (4) | |

| | | | | | | |
|----------------------------------|---|----------------|----|-----|-----|--|
| 固定補綴學臨床實習 | Practicum in Fixed Prosthesis | 必修 Required | 6 | (6) | (6) | |
| 局部補綴學臨床實習 | Practicum in Removable Partial Prosthesis | 必修 Required | 6 | (6) | (6) | |
| 兒童牙科學臨床實習 | Practicum in Pediatric Dentistry | 必修 Required | 2 | (2) | (2) | |
| 齒顎矯正學臨床實習 | Practicum in Orthodontics | 必修 Required | 2 | (2) | (2) | |
| 必修學分合計 Required Credits Subtotal | | | 50 | 0 | 0 | |

最低畢業學分數學分，必修學分數學分

最低畢業學分數 235 學分，必修 198 學分，通識 20 學分，體育 4 學分，選修 13 學分

Minimum graduation credits: 235 credits, compulsory 198 credits, general education 20 credits, physical education 4 credits, elective 13 credits

說明 Instructions :

- 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」、「程式語言」、「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。

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," "Programming Languages," "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. | <p>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，相當全民英檢中高級初試，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。</p> <p>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. 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.</p> |
| 3. | <p>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。</p> <p>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.</p> |
| 4. | <p>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。</p> <p>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.</p> |
| 5. | <p>跨域微學程認列之科目於下列情況不可重複認列學分數：1、其他跨域微學程之科目。2、學生主系之科目(包含必修、選修、專業選修)及通識課程。</p> <p>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.</p> |
| 6. | <p>本校學生所修全學年之科目，上學期成績未達 40 分者，不得修習該科目下學期之課程。</p> <p>Students who score less than 40 in the first semester of a full-year course are not allowed to enroll in that course of the second semester.</p> |
| 7. | <p>須完成第一~五學年規定之最低必修學科學分及通識學科學分後，方可進入第六學年實習課程。實習學年度不得選讀非實習課程之科目。</p> <p>Students must complete the minimum required credits for both mandatory and general education courses specified for the first to fifth academic years before they enter the internship program in the sixth academic year. During the internship year, students are not allowed to enroll in non-internship courses.</p> |
| 8. | <p>第六學年實習科目為全學年課程，實習成績為全學年成績，所有實習科目完成後評量成績，故無學期成績。</p> <p>The internship courses in the sixth academic year are full-year courses, and the grades are considered as full-year grades. The performance evaluation for all internship courses is conducted after the completion of the entire internship, so there are no semester grades.</p> |

中山醫學大學

Chung Shan Medical University

114 學年度入學新生應修科目及學分表

Courses and Credits for Freshmen Admitted in the 114th Academic Year

醫學科技學院

College of Medical Science and Technology

第一學年

1st Academic Year

| 科目名稱 Course Name in Chinese | 科目英文名稱 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 |
|--------------------------------|---|----------------------------|---------------------------------|--|--|---|
| 智能篩檢跨域創新創業 | Intelligent Screening and Interdisciplinary Innovation and Entrepreneurship | 選修 Elective | 2 | 2 | 0 | 精準培育計畫 暑期上課 Ministry of Education Program Summer Classes |
| AI含VR&AR於高齡科技之運用 | Applications of AI, VR, and AR in Aging Technology | 選修 Elective | 2 | 2 | 0 | 精準培育計畫 暑期上課 Ministry of Education Program Summer Classes |
| 高齡失智生活自立設計 | Design for Independent Living in Aging and Dementia | 選修 Elective | 2 | 2 | 0 | 精準培育計畫 暑期上課 Ministry of Education Program Summer Classes |
| 高齡宜居國際產業趨勢 | Global Industry Trends in Age-Friendly Living | 選修 Elective | 2 | 2 | 0 | 精準培育計畫 暑期上課 Ministry of Education Program Summer Classes |
| 高齡照護產業實務與實作 | Practical Applications in the Elderly Care Industry | 選修 Elective | 1 | 1 | 0 | 精準培育計畫 暑期上課 Ministry of Education Program Summer Classes |
| 高齡科技創業實習 | Internship in Gerontechnology Entrepreneurship | 選修 Elective | 1 | 1 | 0 | 精準培育計畫 暑期上課 Ministry of Education Program Summer Classes |

第 一 學 年

1stAcademic Year

| 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 1 st Semester Credits | 第二 學期 2 nd Semester Credits | 備註 Remarks |
|--------------------------------|---|---------------------------------|---------------------------------|--|--|---|
| 樂齡科技創意、創新及創業的成功之鑰 | Success Keys in Silver Technology: Creativity, Innovation & Entrepreneurship" | 選修 Elective | 2 | 2 | 0 | 精準培育計畫 暑期上課 Ministry of Education Program Summer Classes |
| 高齡友善智慧宜居環境設計 | Elder Friendly and Smart Livable Environment Design | 選修 Elective | 2 | 2 | 0 | 精準培育計畫 暑期上課 Ministry of Education Program Summer Classes |
| 高齡福祉科技應用實務 | Practical Application of Gerontechnology | 選修 Elective | 2 | 2 | 0 | 精準培育計畫 暑期上課 Ministry of Education Program Summer Classes |
| 精準健康多元跨領域實務 | Precision health practical courses | 選修 Elective | 2 | 2 | 0 | 精準培育計畫 Ministry of Education Program |
| 醫療法律與政策 | Medical regulations and policy | 選修 Elective | 2 | 2 | 0 | 深耕計畫課程 |

中山醫學大學

Chung Shan Medical University

114 學年度入學新生應修科目及學分表

Courses and Credits for Freshmen Admitted in the 114th Academic Year

醫學科技學院醫學檢驗暨生物技術學系

Department of Medical Laboratory and Biotechnology, College of Medical Science and Technology

第一學年

1st Academic Year

| 科目名稱 Course Name in Chinese | 科目英文名稱 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 |
|--------------------------------|--|----------------------------|---------------------------------|--|--|----------------------------|
| 普通化學 | General Chemistry | 必修 Required | 2 | 2 | 0 | |
| 有機化學 | Organic Chemistry | 必修 Required | 2 | 2 | 0 | |
| 普通生物學(一) | General Biology (I) | 必修 Required | 2 | 2 | 0 | |
| 組織學 | Histology | 必修 Required | 2 | 0 | 2 | |
| 生理學 | Physiology | 必修 Required | 2 | 0 | 2 | |
| 生物統計學 | Biostatistics | 必修 Required | 2 | 0 | 2 | |
| 生物化學(一) | Biochemistry(I) | 必修 Required | 2 | 0 | 2 | |
| 生物化學實驗 | Biochemistry Laboratory | 必修 Required | 1 | 0 | 1 | |
| 病理切片技術學 | Histopathologic Techniques | 必修 Required | 1 | 0 | 1 | |
| 病理切片技術實驗 | Histopathologic Laboratory | 必修 Required | 1 | 0 | 1 | |
| 解剖學 | Human Anatomy | 選修 Elective | 2 | 2 | 0 | |
| 醫技概論 | Introduction to General Medical Technology | 選修 Elective | 2 | 2 | 0 | |
| 分生概論 | Introduction to Molecular Biology | 選修 Elective | 2 | 2 | 0 | |
| 醫學檢驗專業英文聽力與寫作 | Listening Comprehension and Writing in English for Medical Technologists | 選修 Elective | 2 | 2 | 0 | 全英語授課 Taught in English |
| 細胞生物學 | Cell Biology | 選修 Elective | 2 | 0 | 2 | |
| 毒物學 | Toxicology | 選修 Elective | 2 | 0 | 2 | |
| 遺傳學概論 | Introduction to genetics | 選修 Elective | 2 | 0 | 2 | |

| 第 一 學 年 1 st Academic Year | | | | | | |
|--|--|----------------------------|---------------------------------|--|--|---------------|
| 科目名稱 Course Name in Chinese | 科目英文名稱 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 |
| 輔助與另類醫學概論 | Introduction to Complementary and Alternative Medicine (CAM) | 選修 Elective | 2 | 2 | 0 | |
| 普通生物學(二) | General Biology (II) | 選修 Elective | 2 | 0 | 2 | |
| 基礎文獻探討與寫作 | Basic Literature Review and Writing | 選修 Elective | 2 | 0 | 2 | |
| 組織學實驗 | Histology Laboratory | 選修 Elective | 1 | 0 | 1 | |
| 必修學分合計Required Credits Subtotal | | | 17 | 6 | 11 | |

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|---------|------------------------------------|----------------|---|-----|-----|---|
| 多元文化與語文 | | 必修 Required | 2 | (2) | (2) | 共同教育課程 通識中心開課 Common Education Courses Provided by General Studies Center |
| 程式語言 | Programming Language | 必修 Required | 2 | 2 | 0 | 共同教育課程 通識中心開課 Common Education Courses Provided by General Studies Center |
| 大學之道 | Foundation of University Education | 必修 Required | 1 | 1 | 0 | 共同教育課程 通識中心開課 Common Education Courses Provided by General Studies Center |
| 服務學習 | Service Learning | 必修 Required | 1 | (1) | (1) | 共同教育課程 通識中心開課 Common Education Courses Provided by General Studies Center |
| 體育 | Physical Education | 必修 Required | 1 | 1 | 0 | 共同教育課程 通識中心開課 Common Education Courses Provided by General Studies Center |
| 體育 | Physical Education | 必修 Required | 1 | 0 | 1 | 共同教育課程 通識中心開課 Common Education Courses Provided by General Studies Center |

| 第 二 學 年 2nd Academic Year | | | | | | |
|------------------------------|--|--|--|--|--|--|
|------------------------------|--|--|--|--|--|--|

| 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 1 st Semester Credits | 第二 學期 2 nd Semester Credits | 備註 Remarks |
|----------------------------------|---|-----------------------------|---------------------------------|--|--|----------------------------|
| 免疫學 | Immunology | 必修 Required | 2 | 2 | 0 | |
| 臨床生理學 | Clinical Physiology | 必修 Required | 2 | 2 | 0 | |
| 分子生物學(一) | Molecular Biology(I) | 必修 Required | 2 | 2 | 0 | |
| 生物化學(二) | Biochemistry(II) | 必修 Required | 2 | 2 | 0 | |
| 臨床生理學實驗 | Clinical Physiology Laboratory | 必修 Required | 1 | 1 | 0 | |
| 醫學專題討論(一) | Seminar in Biomedicine (I) | 必修 Required | 1 | 1 | 0 | |
| 微生物學 | Microbiology | 必修 Required | 3 | 0 | 3 | |
| 臨床血液學(一) | Clinical Hematology (I) | 必修 Required | 2 | 0 | 2 | |
| 寄生蟲學 | Parasitology | 必修 Required | 2 | 0 | 2 | |
| 微生物學實驗 | Microbiology Laboratory | 必修 Required | 1 | 0 | 1 | |
| 寄生蟲學實驗 | Parasitology Laboratory | 必修 Required | 1 | 0 | 1 | |
| 醫學專題討論(二) | Seminar in Biomedicine (II) | 必修 Required | 1 | 0 | 1 | |
| 癌症醫學 | Cancer Medicine | 選修 Elective | 2 | 2 | 0 | |
| 幹細胞與再生醫學概論 | Introduction to Stem Cell and Regeneration Medicine | 選修 Elective | 2 | 2 | 0 | 全英語授課 Taught in English |
| 基因工程技術 | Genetic Engineering | 選修 Elective | 2 | 2 | 0 | |
| 濫用藥物分析 | Abused Drug Analysis | 選修 Elective | 2 | 0 | 2 | |
| 食品藥物殘留分析 | Analysis of Drugs Residue in Food | 選修 Elective | 2 | 0 | 2 | |
| DNA 鑑定 | DNA Analysis | 選修 Elective | 2 | 0 | 2 | |
| 生技藥品研發實例 | Development of Biopharmaceuticals | 選修 Elective | 2 | 0 | 2 | |
| 臨床細胞遺傳學檢驗 | Clinical Cytogenetics Technology | 選修 Elective | 2 | 0 | 2 | |
| 臨床細胞遺傳學檢驗實驗 | Clinical Cytogenetics Technology Laboratory | 選修 Elective | 1 | 0 | 1 | |
| 必修學分合計 Required Credits Subtotal | | | 20 | 10 | 10 | |

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|----|--------------------|----------------|---|---|---|--|
| 體育 | Physical Education | 必修 Required | 1 | 1 | 0 | 共同教育課程 體育中心開課 Common Education Courses Provided by Sports Center |
| 體育 | Physical Education | 必修 Required | 1 | 0 | 1 | 共同教育課程 體育中心開課 Common Education Courses Provided by Sports Center |

| 第 三 學 年 3rd Academic Year | | | | | | |
|--------------------------------|--|----------------------------|---------------------------------|--|--|---------------|
| 科目名稱 Course Name in Chinese | 科目英文名稱 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 |
| 臨床生化學 | Clinical Biochemistry | 必修 Required | 3 | 3 | 0 | |
| 血庫學 | Blood Banking | 必修 Required | 2 | 2 | 0 | |
| 臨床血液學(二) | Clinical Hematology (II) | 必修 Required | 2 | 2 | 0 | |
| 臨床鏡檢學 | Clinical Microscopy | 必修 Required | 2 | 2 | 0 | |
| 臨床生化學實驗 | Clinical Biochemistry Laboratory | 必修 Required | 1 | 1 | 0 | |
| 臨床血液學實驗 | Clinical Hematology Laboratory | 必修 Required | 1 | 1 | 0 | |
| 臨床鏡檢學實驗 | Clinical Microscopy Laboratory | 必修 Required | 1 | 1 | 0 | |
| 臨床微生物學 | Clinical Microbiology | 必修 Required | 3 | 0 | 3 | |
| 臨床微生物學實驗 | Clinical Microbiology Laboratory | 必修 Required | 1 | 0 | 1 | |
| 臨床血清免疫學 | Clinical Serology & Immunology | 必修 Required | 2 | 0 | 2 | |
| 臨床病毒學 | Clinical Virology | 必修 Required | 2 | 0 | 2 | |
| 醫學分子檢驗學 | Molecular Diagnostics in Medicine | 必修 Required | 2 | 0 | 2 | |
| 病理學 | Pathology | 必修 Required | 2 | 0 | 2 | |
| 臨床血清免疫學實驗 | Clinical Serology & Immunology Laboratory | 必修 Required | 1 | 0 | 1 | |
| 臨床病毒與分子檢驗實驗 | Clinical Virology and Molecular Diagnosis Laboratory | 必修 Required | 1 | 0 | 1 | |
| 分子遺傳學 | Molecular Genetics | 選修 Elective | 2 | 2 | 0 | |
| 分子遺傳學實驗 | Molecular Genetic Laboratory | 選修 Elective | 1 | 1 | 0 | |
| 多體學與精準醫學應用概論 | Introduction to Applications in Omics and Precision Medicine | 選修 Elective | 2 | 0 | 2 | |

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|---------------------------------|--|----------------|----|----|----|--|
| 臨床檢驗數據判讀 | Interpretation of Clinical Laboratory Test | 選修 Elective | 2 | 0 | 2 | |
| 必修學分合計Required Credits Subtotal | | | 26 | 12 | 14 | |

| 第 四 學 年 4th Academic Year | | | | | | |
|---------------------------------|---|----------------------------|---------------------------------|--|--|---------------|
| 科目名稱 Course Name in Chinese | 科目英文名稱 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 |
| 生物技術學 | Biotechnology | 必修 Required | 2 | (2) | (2) | |
| 臨床微生物實習 | Practicum in Clinical Microbiology | 必修 Required | 3 | (3) | (3) | |
| 臨床血庫實習 | Practicum in Clinical Blood Banking | 必修 Required | 1 | (1) | (1) | |
| 臨床生化實習 | Practicum in Clinical Chemistry | 必修 Required | 2 | (2) | (2) | |
| 臨床血清免疫實習 | Practicum in Clinical Seroimmunology | 必修 Required | 2 | (2) | (2) | |
| 臨床血液實習 | Practicum in Clinical Hematology | 必修 Required | 2 | (2) | (2) | |
| 臨床鏡檢實習 | Practicum in Clinical Microscopy | 必修 Required | 3 | (3) | (3) | |
| 臨床生理實習 | Practicum in Clinical Physiology | 必修 Required | 2 | (2) | (2) | |
| 病理切片與細胞診斷實習 | Practicum in Clinical Histopathologic and Cytologic Diagnosis | 必修 Required | 1 | (1) | (1) | |
| 醫學分子檢驗實習 | Practicum in Molecular Diagnostics in Medicine | 必修 Required | 1 | (1) | (1) | |
| 醫學實驗室管理及品質管理 | Management of Medical Laboratory and Quality Management | 必修 Required | 2 | (2) | (2) | |
| 臨床病毒學實習 | Practicum in Clinical Virology | 選修 Elective | 2 | (2) | (2) | |
| 臨床檢驗實務操作 | Clinical Medical Laboratory Practice | 選修 Elective | 1 | (1) | (1) | |
| 臨床生化學特論 | Special Lectures in Clinical Chemistry | 選修 Elective | 2 | (2) | (2) | |
| 臨床微生物學特論 | Special Topics in Clinical Microbiology | 選修 Elective | 2 | (2) | (2) | |
| 醫學實驗室認證 | Medical Laboratory Accreditation | 選修 Elective | 2 | (2) | (2) | |
| 免疫學與血清學特論 | Special Topics in Immunology and Serology | 選修 Elective | 2 | (2) | (2) | |
| 血液學及血庫學特論 | Special Topics in Hematology and Immunohematology | 選修 Elective | 2 | (2) | (2) | |
| 分子生物技術學特論 | Special topics in molecular biology and related techniques | 選修 Elective | 2 | (2) | (2) | |
| 實驗室開發檢測 | Laboratory Developed Tests | 選修 Elective | 2 | (2) | (2) | |
| 必修學分合計Required Credits Subtotal | | | 21 | | | |

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| <p>最低畢業學分數學分 128 學分，必修 84 學分，通識學 20 分，體育 4 學分，選修 20 學分</p> <p>Minimum graduation credits: 128 credits, compulsory 84 credits, general education 20 credits, physical education 4 credits, elective 20 credits</p> | |
| 說明Instructions： | |
| 1. | <p>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」、「程式語言」、「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。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。</p> <p>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:</p> <p>Fundamental General Education Courses: These are mandatory and total 6 credits. They include courses such as "Multiculturalism and Languages," "Programming Languages," "Foundation of University Education," and "Service Learning."</p> <p>Liberal Arts General Education Courses: These are also mandatory and total 14 credits. 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.</p> <p>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."</p> |
| 2. | <p>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，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。</p> <p>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 Intermediate Level. 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.</p> |
| 3. | <p>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。</p> <p>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.</p> |
| 4. | <p>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。</p> <p>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.</p> |

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| 5. | <p>跨域微學程認列之科目於下列情況不可重複認列學分數：1、其他跨域微學程之科目。2、學生主系之科目(包含必修、選修、專業選修)及通識課程。</p> <p>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.</p> |
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中山醫學大學

Chung Shan Medical University

114 學年度入學新生應修科目及學分表

Courses and Credits for Freshmen Admitted in the 114th Academic Year

醫學科技學院物理治療學系

Department of Physical Therapy, College of Medicine Science and Technology

第一學年

1st Academic Year

| 科目名稱 Course Name in Chinese | 科目英文名稱 Course Name in English | 必修 Required Elective | 合計 學分 Credits | 第一學期 1 st Semester Credits | 第二學期 2 nd Semester Credits | 備註 Remarks |
|--------------------------------|--|----------------------------|---------------------|--|--|---------------|
| 解剖學 | Human Anatomy | 必修 Required | 3 | 3 | 0 | |
| 解剖學實驗 | Human Anatomy Laboratory | 必修 Required | 1 | 1 | 0 | |
| 普通生物學 | General Biology | 必修 Required | 2 | 2 | 0 | |
| 普通生物學實驗 | General Biology Laboratory | 必修 Required | 1 | 1 | 0 | |
| ※物理治療導論 | Introduction to Physical Therapy | 必修 Required | 1 | 1 | 0 | |
| ※表體解剖學 | Surface Anatomy-Palpation and Surface Markings | 必修 Required | 1 | 0 | 1 | |
| ※表體解剖學實習 | Practicum in Surface Anatomy-Palpation and Surface Markings | 必修 Required | 1 | 0 | 1 | |
| 普通物理學 | General Physics | 必修 Required | 2 | 0 | 2 | |
| 微積分(一) | Calculus(I) | 選修 Elective | 2 | 2 | 0 | |
| 微積分(二) | Calculus(II) | 選修 Elective | 2 | 0 | 2 | |
| 專題研究(一) | Independent Study(I) | 選修 Elective | 2 | 0 | 2 | |
| 運動科學概論 | Introduction to Exercise Science | 選修 Elective | 2 | 2 | 0 | |
| 銀髮族保健學 | Health Care for the Elderly Adults | 選修 Elective | 2 | 2 | 0 | |
| 物理治療師生涯規劃 | Career Planning in Physical Therapist | 選修 Elective | 2 | 2 | 0 | |
| 物理治療專業英文 | Professional English in Physical Therapy | 選修 Elective | 2 | 0 | 2 | |
| 急救學與實作 | First Aid and Practicum | 選修 Elective | 2 | 0 | 2 | |
| 人工智慧在物理治療的運用與發展 | The Application and Development of Artificial Intelligence in Physical Therapy | 選修 Elective | 2 | 0 | 2 | |
| AI 科技赋能運動治療微學分 | AI Technology Empowers Sports Therapy M.C. Credit Course | 選修 Elective | 1 | 0 | 1 | |

| 第 一 學 年 1 st Academic Year | | | | | | |
|--|----------------------------------|----------------------------|---------------------------------|--|--|---------------|
| 科目名稱 Course Name in Chinese | 科目英文名稱 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 |
| 必修學分合計Required Credits Subtotal | | | 12 | 8 | 4 | |

| | | | | | | |
|---------|------------------------------------|----------------|---|-----|-----|---|
| 多元文化與語文 | | 必修 Required | 2 | (2) | (2) | 共同教育課程 通識中心開課 Common Education Courses Provided by General Studies Center |
| 程式語言 | Programming Language | 必修 Required | 2 | 2 | 0 | 共同教育課程 通識中心開課 Common Education Courses Provided by General Studies Center |
| 大學之道 | Foundation of University Education | 必修 Required | 1 | 1 | 0 | 共同教育課程 通識中心開課 Common Education Courses Provided by General Studies Center |
| 服務學習 | Service Learning | 必修 Required | 1 | (1) | (1) | 共同教育課程 通識中心開課 Common Education Courses Provided by General Studies Center |
| 體育 | Physical Education | 必修 Required | 1 | 1 | 0 | 共同教育課程 體育中心開課 Common Education Courses Provided by Sports Center |
| 體育 | Physical Education | 必修 Required | 1 | 0 | 1 | 共同教育課程 體育中心開課 Common Education Courses Provided by Sports Center |

| 第 二 學 年 2nd Academic Year | | | | | | |
|--------------------------------|----------------------------------|----------------------------|---------------------------------|--|--|---------------|
| 科目名稱 Course Name in Chinese | 科目英文名稱 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 |
| ※神經解剖學（含實驗） | Neuroanatomy(include Lab) | 必修 Required | 2 | 2 | 0 | |
| ※物理治療倫理學 | Ethics in Physical Therapy | 必修 Required | 1 | 1 | 0 | |

| 第 二 學 年 | | | | | | |
|--------------------------------|--|----------------------------|---------------------------------|--|--|---------------|
| 2nd Academic Year | | | | | | |
| 科目名稱 Course Name in Chinese | 科目英文名稱 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 |
| ※肌動學 | Kinesiology | 必修 Required | 2 | 2 | 0 | |
| ※熱療學 | Thermal Agent Therapy | 必修 Required | 1 | 1 | 0 | |
| ※熱療學實習 | Practicum in Thermal Agent Therapy | 必修 Required | 1 | 1 | 0 | |
| ※物理治療臨床見習(一) | Clinical Observation in Physical Therapy(I) | 必修 Required | 1 | 1 | 0 | |
| ※物理治療技術學 | Fundamental Physical Therapy Techniques | 必修 Required | 1 | 1 | 0 | |
| ※物理治療技術學實習 | Practicum in Fundamental Physical Therapy Techniques | 必修 Required | 1 | 1 | 0 | |
| 生理學(一) | Physiology(I) | 必修 Required | 2 | 2 | 0 | |
| 生理學(二) | Physiology(II) | 必修 Required | 2 | 0 | 2 | |
| 生理學實驗 | Physiology Laboratory | 必修 Required | 1 | 0 | 1 | |
| ※臨床醫學(一) | Introduction to Clinical Medicine (I) | 必修 Required | 2 | 0 | 2 | |
| ※公共衛生學 | Introduction to Public Health | 必修 Required | 2 | 0 | 2 | |
| ※物理治療管理學 | Physical Therapy Organization and Administration | 必修 Required | 2 | 0 | 2 | |
| ※生物統計學 | Biostatistics | 必修 Required | 2 | 2 | 0 | |
| ※生物力學 | Biomechanics | 必修 Required | 2 | 0 | 2 | |
| ※電療學 | Electrotherapy | 必修 Required | 1 | 0 | 1 | |
| ※電療學實習 | Practicum in Electrotherapy | 必修 Required | 1 | 0 | 1 | |
| ※物理治療評估學 | Assessment of Physical Therapy | 必修 Required | 1 | 0 | 1 | |
| ※物理治療評估學實習 | Practicum in Assessment of Physical Therapy | 必修 Required | 1 | 0 | 1 | |
| 專題研究(二) | Independent Study(II) | 選修 Elective | 2 | 0 | 2 | |
| 兒童發展 | The Development of Children | 選修 Elective | 2 | 2 | 0 | |
| 兒童發展評估 | Evaluation of Child Development | 選修 Elective | 2 | 0 | 2 | |
| 老人健康照護及物理治療 | Health Care and Physical Therapy for Community-Dwelling Older Adults | 選修 Elective | 2 | 2 | 0 | |
| 運動指導與設計 | Exercise Guide and Design | 選修 Elective | 2 | 2 | 0 | |

| 第 二 學 年 2nd Academic Year | | | | | | |
|--------------------------------|---|---------------------------------|---------------------------------|--|--|---------------|
| 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 1 st Semester Credits | 第二 學期 2 nd Semester Credits | 備註 Remarks |
| 基本運動學 | Basic Principles of Exercise Prescription | 選修 Elective | 2 | 0 | 2 | |
| 競技運動按摩 | Sports Performance Massage | 選修 Elective | 1 | 0 | 1 | |
| 運動生理學 | Exercise Physiology | 選修 Elective | 2 | 0 | 2 | |
| 必修學分合計 | | | 29 | 14 | 15 | |

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|----|--------------------|----------------|---|---|---|--|
| 體育 | Physical Education | 必修 Required | 1 | 1 | 0 | 共同教育課程 體育中心開課 Common Education Courses Provided by Sports Center |
| 體育 | Physical Education | 必修 Required | 1 | 0 | 1 | 共同教育課程 體育中心開課 Common Education Courses Provided by Sports Center |

| 第 三 學 年 3rd Academic Year | | | | | | |
|--------------------------------|--|---------------------------------|---------------------------------|--|--|---------------|
| 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 1 st Semester Credits | 第二 學期 2 nd Semester Credits | 備註 Remarks |
| 病理學 | Pathology | 必修 Required | 2 | 2 | 0 | |
| ※神經科物理治療學 | Neurological Physical Therapy | 必修 Required | 3 | 1 | 2 | |
| ※神經科物理治療學實習 | Practicum in Neurological Physical Therapy | 必修 Required | 2 | 1 | 1 | |
| ※骨科物理治療學 | Orthopedic Physical Therapy | 必修 Required | 3 | 2 | 1 | |
| ※骨科物理治療學實習 | Practicum in Orthopedic Physical Therapy | 必修 Required | 2 | 1 | 1 | |
| ※小兒物理治療學 | Pediatric Physical Therapy | 必修 Required | 2 | 0 | 2 | |
| ※小兒物理治療學實習 | Practicum in Pediatric Physical Therapy | 必修 Required | 1 | 0 | 1 | |
| ※操作治療學實習 | Practicum in Manual Therapy | 必修 Required | 1 | 1 | 0 | |
| ※操作治療學 | Manual Therapy | 必修 Required | 1 | 1 | 0 | |
| ※臨床醫學(二) | Introduction to Clinical Medicine (II) | 必修 Required | 2 | 2 | 0 | |

| 第 三 學 年 3rd Academic Year | | | | | | |
|--------------------------------|--|----------------------------|---------------------------------|--|--|---------------|
| 科目名稱 Course Name in Chinese | 科目英文名稱 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 |
| ※心肺物理治療學 | Cardiopulmonary Physical Therapy | 必修 Required | 2 | 2 | 0 | |
| ※心肺物理治療學實習 | Practicum in Cardiopulmonary Physical Therapy | 必修 Required | 1 | 1 | 0 | |
| ※復健醫學 | Rehabilitation Medicine | 必修 Required | 1 | 0 | 1 | |
| ※義肢及科技輔具學 | Orthotics, Prosthetics and Assistive Technology in Rehabilitation | 必修 Required | 1 | 0 | 1 | |
| ※義肢及科技輔具學實習 | Practicum in Orthotics, Prosthetics and Assistive Technology in Rehabilitation | 必修 Required | 1 | 0 | 1 | |
| ※物理治療臨床見習(二) | Clinical Observation in Physical Therapy(II) | 必修 Required | 1 | 0 | 1 | |
| 醫學影像概論 | Introduction to Medical Image | 選修 Elective | 2 | 2 | 0 | |
| 專題研究(三) | Independent Study(III) | 選修 Elective | 2 | 2 | 0 | |
| 競技運動傷害處理與貼紮 | Sports Injuries Management and Taping | 選修 Elective | 2 | 2 | 0 | |
| 復健聯盟之創業與行銷 | Entrepreneurship and Marketing Science of Rehabilitation Alliance | 選修 Elective | 2 | 2 | 0 | |
| 競技運動傷害評估與賦能 | Sports Injury Assessment and Empower | 選修 Elective | 2 | 0 | 2 | |
| 實證物理治療學 | Evidence-Based Physical Therapy | 選修 Elective | 2 | 0 | 2 | |
| 社區物理治療 | Community-Based Physical Therapy | 選修 Elective | 2 | 0 | 2 | |
| 骨科與老人物理治療臨床個案討論 | Orthopedic /Geriatric Physical Therapy Case Study | 選修 Elective | 2 | 0 | 2 | |
| 動作控制與學習 | Motor Control and Learning | 選修 Elective | 2 | 2 | 0 | |
| 長照復能實務及案例討論 | Reablement of Long-Term Care | 選修 Elective | 2 | 0 | 2 | |
| 智慧化輔助科技 | Intelligent Assistive Technology | 選修 Elective | 2 | 2 | 0 | |
| 軟組織問題的評估與治療微學分 | Soft Tissue Dysfunction: Diagnosis & Treatment M.C. Credit Course | 選修 | 1 | 0 | 1 | |

| 第 三 學 年 3rd Academic Year | | | | | | |
|----------------------------------|---|----------------------------|---------------------------------|--|--|---------------|
| 科目名稱 Course Name in Chinese | 科目英文名稱 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 |
| | | Elective | | | | |
| 拮抗鬆弛術微學分 | Strain Counterstrain Technique M.C. Credit Course | 選修 Elective | 1 | 0 | 1 | |
| 脊椎側彎的臨床實務操作技巧微學分 | The Clinical Practical Operation Techniques for Scoliosis. M.C. Credit Course | 選修 Elective | 1 | 0 | 1 | |
| 必修學分合計 Required Credits Subtotal | | | 26 | 14 | 12 | |

| 第 四 學 年 4th Academic Year | | | | | | |
|--------------------------------|--|----------------------------|---------------------------------|--|--|---|
| 科目名稱 Course Name in Chinese | 科目英文名稱 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 |
| 物理治療特論 | Special Topic in Physical Therapy | 必修 Required | 1 | 0 | 1 | |
| 物理治療臨床實習(一) | Clinical Practicum in Physical Therapy (I) | 必修 Required | 4 | (4) | (4) | 第 1、2 學期各選 12 學分 offering 12 credits per semester |
| 物理治療臨床實習(二) | Clinical Practicum in Physical Therapy (II) | 必修 Required | 4 | (4) | (4) | 第 1、2 學期各選 12 學分 offering 12 credits per semester |
| 物理治療臨床實習(三) | Clinical Practicum in Physical Therapy (III) | 必修 Required | 4 | (4) | (4) | 第 1、2 學期各選 12 學分 offering 12 credits per semester |
| 物理治療臨床實習(四) | Clinical Practicum in Physical Therapy (IV) | 必修 Required | 4 | (4) | (4) | 第 1、2 學期各選 12 學分 offering 12 credits per semester |
| 物理治療臨床實習(五) | Clinical Practicum in Physical Therapy (V) | 必修 Required | 4 | (4) | (4) | 第 1、2 學期各選 12 學分 offering 12 credits per semester |
| 臨床實習(六) | Clinical Practicum in Physical Therapy | 必修 | 4 | (4) | (4) | 第 1、2 學期各選 |

| 第 四 學 年 4th Academic Year | | | | | | |
|---|--|---------------------------------|---------------------------------|--|--|---|
| 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 1 st Semester Credits | 第二 學期 2 nd Semester Credits | 備註 Remarks |
| | (VI) | Required | | | | 12 學分 offering 12 credits per semester |
| 必修學分合計Required Credits Subtotal | | | 25 | 12 | 13 | |
| 最低畢業學分數 128 學分，必修 92 學分，通識 20 學分，體育 4 學分，選修 12 學分 Minimum graduation credits: 128 credits, compulsory 92credits, general education 20 credits, physical education 4 credits, elective 12 credits | | | | | | |
| 說明Instructions： | | | | | | |
| 1. | <p>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」、「程式語言」、「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。</p> <p>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:</p> <p>Fundamental General Education Courses: These are mandatory and total 6 credits. They include courses such as "Multiculturalism and Languages," "Programming Languages," "Foundation of University Education," and "Service Learning."</p> <p>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.</p> <p>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."</p> | | | | | |

| | |
|----|--|
| 2. | <p>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，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。</p> <p>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 Intermediate Level. 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.</p> |
| 3. | <p>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。</p> <p>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.</p> |
| 4. | <p>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。</p> <p>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.</p> |
| 5. | <p>擋修課程以※標註，凡標有※任何一科不及格者，擋修第四學年「物理治療臨床實習(一)~(六)」</p> <p>Courses marked with ※ are mandatory prerequisites. Students who fail any course designated with ※ will be ineligible to register for the fourth-year "Clinical Practicum in Physical Therapy (I) through (VI)."</p> |
| 6. | <p>跨域微學程認列之科目於下列情況不可重複認列學分數：1、其他跨域微學程之科目。2、學生主系之科目(包含必修、選修、專業選修)及通識課程。</p> <p>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.</p> |

中山醫學大學

Chung Shan Medical University

114 學年度入學新生應修科目及學分表

Courses and Credits for Freshmen Admitted in the 114th Academic Year

醫學科技學院職能治療學系

Department of Occupational Therapy, College of Medical Science and Technology

第一學年

1stAcademic Year

| 科目名稱 Course Name in Chinese | 科目英文名稱 Course Name in English | 必修 Required | 合計 學分 Credits Subtotal | 第一 學期 1 st Semester Credits | 第二 學期 2 nd Semester Credits | 備註 |
|--------------------------------|---|----------------|---------------------------------|--|--|----|
| 解剖學 | Human Anatomy | 必修 Required | 3 | 3 | 0 | |
| 普通生物學 | General Biology | 必修 Required | 2 | 2 | 0 | |
| 普通心理學 | General Psychology | 必修 Required | 2 | 2 | 0 | |
| 社會學與職能治療 | Sociology and Occupational Therapy | 必修 Required | 2 | 2 | 0 | |
| 解剖學實驗 | Human Anatomy Laboratory | 必修 Required | 1 | 1 | 0 | |
| 職能治療導論 | Introduction to Occupational Therapy | 必修 Required | 1 | 1 | 0 | |
| 職能治療理論基礎 | Basic Theory of Occupational Therapy | 必修 Required | 2 | 0 | 2 | |
| 基礎統計與研究方法 | Basic Statistics and Research Methods | 必修 Required | 2 | 0 | 2 | |
| 職能治療活動學(一) | Therapeutic Activities in Occupational Therapy (I) | 必修 Required | 1 | 0 | 1 | |
| 職能治療活動學實習(一) | Practicum in Therapeutic Activities in Occupational Therapy (I) | 必修 Required | 1 | 0 | 1 | |
| 團體動力學 | Group Dynamics | 必修 Required | 1 | 0 | 1 | |
| 團體動力學實習 | Practicum in Group Dynamics | 必修 Required | 1 | 0 | 1 | |
| 解剖與人體動作 | Anatomy and Human Movement: Structure and Function | 必修 Required | 1 | 0 | 1 | |
| 解剖與人體動作實習 | Practicum in Anatomy and Human Movement: Structure and Function | 必修 Required | 1 | 0 | 1 | |
| 職能治療初階臨床實習(一) | Level I Fieldwork practice in Occupational Therapy (I) | 必修 Required | 1 | 0 | 1 | |
| 早期療育概論 | Introduction to Early Intervention | 選修 Elective | 2 | 2 | 0 | |
| 身心障礙概論 | Introduction to Disability | 選修 Elective | 2 | 2 | 0 | |
| 臨床溝通模擬與實作 | Clinical Communication Skill Simulation and Practice | 選修 Elective | 2 | 2 | 0 | |

第 一 學 年

1stAcademic Year

| 科目名稱 Course Name in Chinese | 科目英文名稱 Course Name in English | 必修 Required | 合計 學分 Credits Subtotal | 第一 學期 1 st Semester Credits | 第二 學期 2 nd Semester Credits | 備註 |
|---------------------------------|---|----------------|---------------------------------|--|--|----|
| 輔具設計與實作 | Designing and fabrication of assistive technology | 選修 Elective | 2 | 0 | 2 | |
| 職能治療專題研究(一) | Independent Study in Occupational Therapy (I) | 選修 Elective | 1 | 0 | 1 | |
| AI在復健醫療之應用 | Applications of AI in Rehabilitation Healthcare | 選修 Elective | 2 | 0 | 2 | |
| 必修學分合計Required Credits Subtotal | | | 22 | 11 | 11 | |

| | | | | | | |
|---------|------------------------------------|----------------|---|-----|-----|---|
| 多元文化與語文 | | 必修 Required | 2 | (2) | (2) | 共同教育課程 通識中心開課 Common Education Courses Provided by General Studies Center |
| 程式語言 | Programming Language | 必修 Required | 2 | 0 | 2 | 共同教育課程 通識中心開課 Common Education Courses Provided by General Studies Center |
| 大學之道 | Foundation of University Education | 必修 Required | 1 | 1 | 0 | 共同教育課程 通識中心開課 Common Education Courses Provided by General Studies Center |
| 服務學習 | Service Learning | 必修 Required | 1 | (1) | (1) | 共同教育課程 通識中心開課 Common Education Courses Provided by General Studies Center |
| 體育 | Physical Education | 必修 Required | 1 | 1 | 0 | 共同教育課程 體育中心開課 Common Education Courses Provided by Sports Center |
| 體育 | Physical Education | 必修 Required | 1 | 0 | 1 | 共同教育課程 體育中心開課 Common Education Courses Provided by Sports Center |

第 二 學 年

2nd Academic Year

| 科目名稱 Course Name in Chinese | 科目英文名稱 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 |
|--------------------------------|--|----------------------------|---------------------------------|--|--|----|
| 生理學 | Physiology | 必修 Required | 4 | 4 | 0 | |
| 人類發展學 | Human Development | 必修 Required | 2 | 2 | 0 | |
| 精神醫學 | Psychiatry | 必修 Required | 2 | 2 | 0 | |
| 生理學實驗 | Physiology Laboratory | 必修 Required | 1 | 1 | 0 | |
| 肌動學 | Kinesiology | 必修 Required | 1 | 1 | 0 | |
| 肌動學實習 | Practicum in Kinesiology | 必修 Required | 1 | 1 | 0 | |
| 職能治療活動學(二) | Therapeutic Activities in Occupational Therapy (II) | 必修 Required | 1 | 1 | 0 | |
| 職能治療活動學實習(二) | Practicum in Therapeutic Activities in Occupational Therapy (II) | 必修 Required | 1 | 1 | 0 | |
| 神經解剖學 | Neuroanatomy | 必修 Required | 2 | 2 | 0 | |
| 職能治療評估學實習 | Practicum in Assessments in Occupational Therapy | 必修 Required | 2 | 0 | 2 | |
| 臨床醫學(一) | Introduction to Clinical Medicine (I) | 必修 Required | 2 | 0 | 2 | |
| 復健醫學 | Rehabilitation Medicine | 必修 Required | 1 | 0 | 1 | |
| 職能治療倫理與規範 | Occupational Therapy Ethics and Regulations | 必修 Required | 1 | 0 | 1 | |
| 職能治療管理學 | Occupational Therapy Organization and Administration | 必修 Required | 1 | 0 | 1 | |
| 職能治療評估學 | Assessments in Occupational Therapy | 必修 Required | 1 | 0 | 1 | |
| 職能治療初階臨床實習(二) | Level I Fieldwork practice in Occupational Therapy (II) | 必修 Required | 1 | 0 | 1 | |
| 兒童職能治療 (一) | Pediatric Occupational Therapy(I) | 必修 Required | 1 | 0 | 1 | |
| 兒童職能治療實習 (一) | Practicum in Pediatric Occupational Therapy(I) | 必修 Required | 1 | 0 | 1 | |
| 社區及老人醫學(一) | Community and Geriatric Medicine (I) | 必修 Required | 1 | 0 | 1 | |
| 感覺統合概論 | Introduction to Sensory Integration | 選修 Elective | 2 | 2 | 0 | |
| 感覺統合 | Sensory Integration | 選修 Elective | 2 | 2 | 0 | |
| 職能治療的人際關係與溝通 | Interpersonal Relationship and Communication in Occupational Therapy | 選修 Elective | 2 | 2 | 0 | |
| 人體動作分析概論 | Introduction to Human Motion Analysis | 選修 Elective | 2 | 2 | 0 | |
| 職能治療專題研究(二) | Independent Study in Occupational Therapy (II) | 選修 Elective | 1 | 1 | 0 | |

| 第 二 學 年 2nd Academic Year | | | | | | |
|---------------------------------|--|---------------------------------|---------------------------------|--|--|----|
| 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 1 st Semester Credits | 第二 學期 2 nd Semester Credits | 備註 |
| 早療專業團隊合作 | Team Collaboration in Early Intervention | 選修 Elective | 3 | 0 | 3 | |
| 職能治療的敘事觀點 | Narrative Perspectives in Occupational Therapy | 選修 Elective | 2 | 0 | 2 | |
| 初階統合分析於醫療領域之應用 | Introduction to Meta-Analysis in Healthcare Applications | 選修 Elective | 2 | 0 | 2 | |
| 必修學分合計Required Credits Subtotal | | | 26 | 15 | 11 | |

| | | | | | | |
|----|--------------------|----------------|---|---|---|--|
| 體育 | Physical Education | 必修 Required | 1 | 1 | 0 | 共同教育課程 體育中心開課 Common Education Courses Provided by Sports Center |
| 體育 | Physical Education | 必修 Required | 1 | 0 | 1 | 共同教育課程 體育中心開課 Common Education Courses Provided by Sports Center |

| 第 三 學 年 3rd Academic Year | | | | | | |
|--------------------------------|---|---------------------------------|---------------------------------|--|--|----|
| 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 1 st Semester Credits | 第二 學期 2 nd Semester Credits | 備註 |
| 心理職能治療 | Occupational Therapy for Mental health | 必修 Required | 2 | 2 | 0 | |
| 臨床醫學(二) | Introduction to Clinical Medicine (II) | 必修 Required | 2 | 2 | 0 | |
| 心理職能治療實習 | Practicum in Occupational Therapy for Mental health | 必修 Required | 1 | 1 | 0 | |
| 職能治療技術學 | Therapeutic Techniques in Occupational Therapy | 必修 Required | 1 | 1 | 0 | |
| 職能治療技術學實習 | Practicum in Therapeutic Techniques in Occupational Therapy | 必修 Required | 1 | 1 | 0 | |
| 社區職能治療學 | Community-based Occupational Therapy | 必修 Required | 1 | 1 | 0 | |
| 社區職能治療學實習 | Practicum in Community-based Occupational Therapy | 必修 Required | 1 | 1 | 0 | |
| 兒童職能治療(二) | Pediatric Occupational Therapy (II) | 必修 Required | 1 | 1 | 0 | |
| 兒童職能治療實習(二) | Practicum in Pediatric Occupational Therapy (II) | 必修 Required | 1 | 1 | 0 | |
| 社區及老人醫學(二) | Community and Geriatric Medicine(II) | 必修 Required | 1 | 1 | 0 | |

| 第 三 學 年 3rd Academic Year | | | | | | |
|----------------------------------|--|----------------------------|---------------------------------|--|--|----|
| 科目名稱 Course Name in Chinese | 科目英文名稱 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 |
| 生理職能治療 | Occupational Therapy for Physical Conditions | 必修 Required | 1 | 1 | 0 | |
| 生理職能治療實習(一) | Practicum in Occupational Therapy for Physical Conditions (I) | 必修 Required | 1 | 1 | 0 | |
| 生理職能治療實習(二) | Practicum in Occupational Therapy for Physical Conditions (II) | 必修 Required | 1 | 0 | 1 | |
| 日常生活功能與輔助科技 | Assistive Technology and Activity of daily living | 必修 Required | 2 | 0 | 2 | |
| 日常生活功能與輔助科技實習 | Practicum in Assistive Technology and Activity of daily living | 必修 Required | 1 | 0 | 1 | |
| 副木裝具義肢學實習 | Practicum in Orthotics and Prosthetics | 必修 Required | 1 | 0 | 1 | |
| 副木裝具義肢學 | Orthotics and Prosthetics | 必修 Required | 1 | 0 | 1 | |
| 職業復健 | Vocational Rehabilitation | 必修 Required | 1 | 0 | 1 | |
| 職業復健實習 | Practicum in Vocational Rehabilitation | 必修 Required | 1 | 0 | 1 | |
| 職能治療初階臨床實習(三) | Level I Fieldwork practice in Occupational Therapy (III) | 必修 Required | 1 | 0 | 1 | |
| 職能治療專題研究(三) | Independent Study in Occupational Therapy(III) | 選修 Elective | 1 | 1 | 0 | |
| 必修學分合計 Required Credits Subtotal | | | 23 | 14 | 9 | |

| 第 四 學 年 4th Academic Year | | | | | | |
|--------------------------------|---|----------------------------|---------------------------------|--|--|----|
| 科目名稱 Course Name in Chinese | 科目英文名稱 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 |
| 職能治療專題討論 | Seminar in Occupational Therapy | 必修 Required | 1 | 1 | 0 | |
| 進階臨床實習：兒童領域(一) | Clinical Practice of Occupational Therapy for Pediatrics (I) | 必修 Required | 4 | (4) | (4) | |
| 進階臨床實習：兒童領域(二) | Clinical Practice of Occupational Therapy for Pediatrics (II) | 必修 Required | 4 | (4) | (4) | |
| 進階臨床實習：心理領域(一) | Clinical Practicum in Occupational Therapy for Mental Health (I) | 必修 Required | 4 | (4) | (4) | |
| 進階臨床實習：心理領域(二) | Clinical Practicum in Occupational Therapy for Mental Health (II) | 必修 Required | 4 | (4) | (4) | |
| 進階臨床實習：生理領域(一) | Clinical Practice of Occupational Therapy for Physical Conditions (I) | 必修 Required | 4 | (4) | (4) | |
| | Clinical Practice of Occupational Therapy | 必修 | | | | |

| | | | | | | |
|----------------|------------------------------|----------|---|-----|-----|--|
| 進階臨床實習：生理領域(二) | for Physical Conditions (II) | Required | 4 | (4) | (4) | |
|----------------|------------------------------|----------|---|-----|-----|--|

| 第 四 學 年 4th Academic Year | | | | | | |
|--|--|---------------------------------|---------------------------------|--|--|----|
| 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 1 st Semester Credits | 第二 學期 2 nd Semester Credits | 備註 |
| 職能治療特論 | Special Topics in Occupational Therapy | 必修 Required | 1 | 0 | 1 | |
| 社區職能治療臨床實習 | Clinical Practicum in Occupational Therapy for Community | 選修 Elective | 2 | 0 | 2 | |
| 必修學分合計Required Credits Subtotal | | | 26 | | | |
| 最低畢業學分數 130 學分，必修 98 學分，通識 20 學分，體育 4 學分，選修 8 學分 Minimum graduation credits: 128credits, compulsory 98 credits, general education 20 credits, physical education 4 credits, elective 8 credits. | | | | | | |
| 說明Instructions： | | | | | | |
| 1. | <p>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」、「程式語言」、「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。</p> <p>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:</p> <p>Fundamental General Education Courses: These are mandatory and total 6 credits. They include courses such as "Multiculturalism and Languages," "Programming Languages," "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.</p> <p>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."</p> | | | | | |

| | |
|----|---|
| 2. | <p>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，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。</p> <p>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 Intermediate Level. 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.</p> |
| 3. | <p>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。</p> <p>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.</p> |
| 4. | <p>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。</p> <p>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.</p> |
| 5. | <p>跨域微學程認列之科目於下列情況不可重複認列學分數：1、其他跨域微學程之科目。2、學生主系之科目(包含必修、選修、專業選修)及通識課程。</p> <p>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.</p> |
| 6. | <p>修習「職能治療活動學暨實習(二)」前須修過「職能治療活動學暨實習(一)」。修習「職能治療初階臨床實習」(三)者必須修過「職能治療初階臨床實習」(二)；修習「職能治療初階臨床實習」(二)者必須修過「職能治療初階臨床實習」(一)及「職能治療導論」。</p> <p>Before taking 'Therapeutic Activities in Occupational Therapy (II)', students must have completed 'Therapeutic Activities in Occupational Therapy (I)'. Those who take 'Level I Fieldwork practice in Occupational Therapy (III)' must have completed 'Level I Fieldwork practice in Occupational Therapy (II)'; those who take 'Level I Fieldwork practice in Occupational Therapy (II)' must have completed 'Level I Fieldwork practice in Occupational Therapy (I)' and 'Introduction to Occupational Therapy'.</p> |
| 7. | <p>第一至第三學年之所有系上必修科目均擋修第四學年之必修臨床實習。</p> <p>All compulsory courses from the first to the third year block the required clinical practicum in the fourth year. (Clinical Practice of Occupational Therapy for Children (I), Clinical Practice of Occupational Therapy for Children (II), Clinical Practicum in Occupational Therapy for Psychosocial Dysfunction (I), Clinical Practicum in Occupational Therapy for Psychosocial Dysfunction (II), Clinical Practice of Occupational Therapy for Physical Dysfunction (I), Clinical Practice of Occupational Therapy for Physical Dysfunction (II))</p> |

中山醫學大學

Chung Shan Medical University

114 學年度入學新生應修科目及學分表

Courses and Credits for Freshmen Admitted in the 114th Academic Year

醫學科技學院語言治療與聽力學系語言治療組

Division of Speech Language Pathology, Department of Speech Language Pathology and Audiology, College of Medical Science and Technology

| 第一學年 | | | | | | |
|----------------------------------|--|-----------------------------|---|---|---|---------------|
| 1 st Academic Year | | | | | | |
| 科目名稱 Course Name in Chinese | 科目英文名稱 Course Name in English | 必修 Required /Elective | 合計 學分 Credits Obtained In total | 第一 學期 Credits Obtained in the 1 st Semester | 第二 學期 Credits Obtained in the 2 nd Semester | 備註 Remarks |
| 語言學概論 | Introduction to Linguistics | 必修 Required | 3 | 3 | 0 | |
| 普通心理學 | General Psychology | 必修 Required | 2 | 2 | 0 | |
| 基礎神經解剖學 | Neurological Anatomy | 必修 Required | 2 | 2 | 0 | |
| 發展心理學 | Developmental Psychology | 必修 Required | 2 | 0 | 2 | |
| 聽力學導論 | Introduction to Audiology | 必修 Required | 2 | 0 | 2 | |
| 溝通障礙學導論 | Introduction to Communication Disorders | 必修 Required | 2 | 0 | 2 | |
| 語音學 | Phonetics | 必修 Required | 2 | 0 | 2 | |
| 統計學 | Statistics | 必修 Required | 2 | 0 | 2 | |
| 聽語神經解剖學 | Speech and Hearing Anatomy | 必修 Required | 2 | 0 | 2 | |
| 復健輔助科技 | Assistive Technology in Rehabilitation | 選修 Elective | 2 | 2 | 0 | |
| 聽語科學導論 | Introduction to Speech & Hearing Science | 選修 Elective | 2 | 2 | 0 | |
| 早期療育概論 | Introduction to Early Intervention | 選修 Elective | 2 | 0 | 2 | |
| 聽語台文 | Taiwanese Communication in Speech, Language and Hearing | 選修 Elective | 2 | 0 | 2 | |
| 高齡與溝通 | Aging and Communication | 選修 Elective | 2 | 0 | 2 | |
| 繪本共讀技巧 | Skills in Shared Book Reading | 選修 Elective | 1 | 0 | 1 | |
| 聽語增能微學分 | Audiology and Speech Therapy Increment Micro-Credential Course | 選修 Elective | 1 | (1) | (1) | |
| 必修學分合計 Required Credits in Total | | | 19 | 7 | 12 | |

| | | | | | | |
|---------|------------------------------------|----------------|---|-----|-----|--|
| 多元文化與語文 | | 必修 Required | 2 | (2) | (2) | 共同教育課程 通識中心開課 Common Courses Provided by Center for General Education |
| 程式語言 | Programming Language | 必修 Required | 2 | 0 | 2 | 共同教育課程 通識中心開課 Common Courses Provided by Center for General Education r |
| 大學之道 | Foundation of University Education | 必修 Required | 1 | 1 | 0 | 共同教育課程 通識中心開課 Common Courses Provided by Center for General Education |
| 服務學習 | Service Learning | 必修 Required | 1 | (1) | (1) | 共同教育課程 通識中心開課 Common Courses Provided by Center for General Education |
| 體育 | Physical Education | 必修 Required | 1 | 1 | 0 | 共同教育課程 體育中心開課 Common Courses Provided by Center for General Education |
| 體育 | Physical Education | 必修 Required | 1 | 0 | 1 | 共同教育課程 體育中心開課 Common Courses Provided by Center for General Education |

| 第 二 學 年 2nd Academic Year | | | | | | |
|--------------------------------|---|----------------------------|---------------------------------|--|--|--|
| 科目名稱 Course Name in Chinese | 科目英文名稱 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 |
| 語言發展學 | Language Development | 必修 Required | 3 | 3 | 0 | |
| ◎構音與音韻異常 | Articulation/Phonological Disorders | 必修 Required | 3 | 3 | 0 | 擋修聽語障礙 實習(一) Prevent enrollment in “Practicum in Communicative Disorders(I)” |
| 言語科學 | Speech Science | 必修 Required | 2 | 2 | 0 | |
| 語暢障礙學 | Fluency Disorders | 必修 Required | 2 | 2 | 0 | |
| 聽語測驗原理與應用 | Theory and Application of Assessment on Speech, Language and Hearing Disorders | 必修 Required | 2 | 2 | 0 | |

第 二 學 年

2nd Academic Year

| 科目名稱 Course Name in Chinese | 科目英文名稱 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 |
|---------------------------------|--|----------------------------|---------------------------------|--|--|---|
| 語言治療專業與倫理 | Professional Issues and Ethics in Speech-Language Pathology | 必修 Required | 1 | 1 | 0 | |
| ◎學前兒童語言障礙學 | Language Disorders in Pre-schoolers | 必修 Required | 3 | 0 | 3 | 擋修語言障礙 實習 Prevent enrollment in “Practicum in Speech Language Pathology” |
| 語音聲學 | Acoustic Phonetics | 必修 Required | 2 | 0 | 2 | |
| 行為改變技術與應用 | Behavior Modification and Application | 必修 Required | 2 | 0 | 2 | |
| 臨床聽力與障礙學 | Essentials of Clinical Audiology Hearing Disorders | 必修 Required | 2 | 0 | 2 | |
| 初階語言障礙學實習 | Basic Practicum in Speech Language Pathology | 必修 Required | 2 | 0 | 2 | |
| 溝通障礙之諮商技巧 | Counseling in Communication Disorders | 必修 Required | 2 | 0 | 2 | |
| 成人神經語言障礙學 | Neurogenic Communicative Disorders in Adults | 必修 Required | 1 | 0 | 1 | |
| 聽力學臨床實務論 | Practicum in Clinical Audiology | 必修 Required | 1 | 0 | 1 | |
| 嬰幼兒溝通發展 | Communication development in infancy | 選修 Elective | 2 | 2 | 0 | |
| 兒童溝通障礙個案研究 | Case Studies of Communication Disorders in Children | 選修 Elective | 1 | 1 | 0 | |
| 成人溝通障礙個案研究 | Case Studies of Communication Disorders in Adults | 選修 Elective | 1 | 1 | 0 | |
| 兒童溝通互動技巧 | Skills in Communication and Interaction with Children | 選修 Elective | 1 | 1 | 0 | |
| 聽語多元文化實務 | Multicultural Practicum in Audiology and Speech-Language Pathology | 選修 Elective | 1 | 1 | 0 | |
| 嬰幼兒溝通障礙 | Communication Disorders in Infants | 選修 Elective | 2 | 0 | 2 | |
| 自閉症專題 | Seminar in Autism | 選修 Elective | 2 | 0 | 2 | |
| 溝通障礙個案研究 | Case Studies of Communication Disorders | 選修 Elective | 2 | 0 | 2 | |
| 溝通障礙之諮商技巧個案研究 | Case Studies of Counseling in Communication Disorders | 選修 Elective | 1 | 0 | 1 | |
| 必修學分合計Required Credits in Total | | | 28 | 13 | 15 | |

| | | | | | | |
|----|--------------------|----------------|---|---|---|---|
| 體育 | Physical Education | 必修 Required | 1 | 1 | 0 | 共同教育課程 體育中心開課 Common Courses Provided by Physical Education Center |
| 體育 | Physical Education | 必修 Required | 1 | 0 | 1 | 共同教育課程 體育中心開課 Common Courses Provided by Physical Education Center |

| 第 三 學 年 3rd Academic Year | | | | | | |
|--------------------------------|---|----------------------------|---------------------------------|--|--|--|
| 科目名稱 Course Name in Chinese | 科目英文名稱 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 |
| 吞嚥障礙學 | Swallowing Disorders | 必修 Required | 3 | 3 | 0 | |
| 成人失語症 | Aphasia | 必修 Required | 3 | 3 | 0 | |
| ◎學童語言障礙學 | Language Disorders in School-age Children | 必修 Required | 2 | 2 | 0 | 擋修語言障礙 實習 Prevent enrollment in "Practicum in Speech Language Pathology" |
| 聽語障礙實習(一) | Practicum in Communicative Disorders(I) | 必修 Required | 2 | 2 | 0 | |
| 輔助溝通系統 | Augmentative and Alternative Communication (AAC) | 必修 Required | 2 | 2 | 0 | |
| 溝通障礙評估與報告寫作 | Clinical Assessment and Professional Report Writing in Communication Disorders | 必修 Required | 2 | 2 | 0 | |
| 溝通障礙治療與報告寫作 | Treatment and Professional Report Writing in Communication Disorders | 必修 Required | 2 | 2 | 0 | |
| 語言障礙實習 | Practicum in Speech Language Pathology | 必修 Required | 3 | 0 | 3 | |
| 聽能復健學 | Aural Rehabilitation | 必修 Required | 2 | 0 | 2 | |
| 嗓音障礙學 | Voice Disorders | 必修 Required | 2 | 0 | 2 | |
| 運動言語障礙學 | Motor Speech Disorders | 必修 Required | 2 | 0 | 2 | |
| 聽語障礙實習(二) | Practicum in Communicative Disorders(II) | 必修 Required | 2 | 0 | 2 | |
| 語言障礙實習總論 | General Principles of Clinical Practicum in Speech-Language Disorders | 必修 Required | 1 | 0 | 1 | |
| 語言障礙個案研究 | Case Studies in Speech and Language Disorders | 必修 Required | 1 | 0 | 1 | |
| 輔助溝通系統個案研究 | Case Studies of Augmentative and Alternative Communication (AAC) | 選修 Elective | 1 | 1 | 0 | |
| 成人失語症個案研究 | Case Studies of Aphasia | 選修 | 1 | 1 | 0 | |

第 三 學 年

3rd Academic Year

| 科目名稱 Course Name in Chinese | 科目英文名稱 Course Name in English | 必修 Required | 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 |
|---------------------------------|---|----------------|------------------------------|--|--|----------------------------|
| | | Elective | | | | |
| 吞嚥障礙學個案研究 | Case Studies of Dysphagia | 選修 Elective | 1 | 1 | 0 | |
| 唇顎裂與相關障礙學 | Communicative Disorders in Craniofacial Deficits: Cleft Lip and/or Palate | 選修 Elective | 2 | 0 | 2 | |
| 學校溝通障礙服務 | School Service in Communicative Disorders | 選修 Elective | 2 | 0 | 2 | |
| 嬰幼兒吞嚥障礙學 | Pediatric Dysphagia | 選修 Elective | 2 | 0 | 2 | |
| 運動言語障礙學個案討論 | Case Studies of Motor Speech Disorders | 選修 Elective | 1 | 0 | 1 | |
| AI 閱讀與寫作 | AI Reading and Writing | 選修 Elective | 2 | 0 | 2 | 全英語授課 Taught in English |
| 必修學分合計Required Credits in Total | | | 29 | 16 | 13 | |

第 四 學 年

4th Academic Year

| 科目名稱 Course Name in Chinese | 科目英文名稱 Course Name in English | 必修 Required /Elective | 合計 學分 Credits Obtained In total | 第一 學期 Credits Obtained in the 1 st Semester | 第二 學期 Credits Obtained in the 2 nd Semester | 備註 Remarks |
|---------------------------------|---|-----------------------------|---|---|---|---------------|
| 臨床語言障礙實習(一) | Clinical Practicum in Speech-Language Disorders(I) | 必修 Required | 9 | (9) | (9) | |
| 臨床語言障礙實習(二) | Clinical Practicum in Speech-Language Disorders(II) | 必修 Required | 9 | (9) | (9) | |
| 必修學分合計Required Credits in Total | | | 18 | | | |

最低畢業學分數 **128** 學分，必修 **94** 學分，通識 **20** 學分，體育 **4** 學分，選修 **10** 學分

The minimum of graduation credits obtained is **128** credits, including compulsory **94** credits, general education **20** credits, physical education **4** credits, and elective **10** credits

說明Instructions :

| | |
|----|--|
| 1. | <p>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。包括：「多元文化與語文」、「程式語言」、「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。包括：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。</p> <p>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:</p> <p>Fundamental General Education Courses: These are mandatory and total 6 credits. They include courses such as "Multiculturalism and Languages," "Programming Languages," "Foundation of University Education," and "Service Learning."</p> <p>Liberal Arts General Education Courses: These are also mandatory and total 14 credits. 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.</p> <p>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."</p> |
| 2. | <p>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，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。</p> <p>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 Intermediate Level. 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.</p> |
| 3. | <p>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。</p> <p>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.</p> |
| 4. | <p>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。</p> <p>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.</p> |

| | |
|----|---|
| 5. | <p>跨域微學程認列之科目於下列情況不可重複認列學分數：1、其他跨域微學程之科目。2、學生主系之科目(包含必修、選修、專業選修)及通識課程。</p> <p>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.</p> |
| 6. | <p>標有◎任一科不及格，擋修下一學期之對應科目。</p> <p>If a student fails any course marked with ◎, they will be barred from enrolling in the corresponding course in the next semester.</p> |
| 7. | <p>第一至第三學年之所有系上必修科目均擋修第四學年之必修臨床實習。</p> <p>All required departmental courses from the first to the third year will bar students from taking the required clinical practicum in the fourth year.</p> |
| 8. | <p>語言治療組學生在三年級第 2 學期「語言障礙實習總論」課程中，須通過實習能力檢定考。</p> <p>Students in the Division of Speech Language Pathology must pass the Practicum Competency Assessment during the second semester of their third Academic year in the course " General Principles of Clinical Practicum in Speech-Language Disorders ".</p> |

中山醫學大學

Chung Shan Medical University

114 學年度入學新生應修科目及學分表

Courses and Credits for Freshmen Admitted in the 114th Academic Year

醫學科技學院語言治療與聽力學系聽力組

Division of Audiology, Department of Speech Language Pathology and Audiology, College of Medical Science and Technology

第一學年

1st Academic Year

| 科目名稱 Course Name in Chinese | 科目英文名稱 Course Name in English | 必修 Required /Elective | 合計 學分 Credits Obtained In total | 第一 學期 Credits Obtained in the 1 st Semester | 第二 學期 Credits Obtained in the 2 nd Semester | 備註 Remarks |
|----------------------------------|--|-----------------------------|---|---|---|---------------|
| 語言學概論 | Introduction to Linguistics | 必修 Required | 3 | 3 | 0 | |
| 普通心理學 | General Psychology | 必修 Required | 2 | 2 | 0 | |
| 聽語科學導論 | Introduction to Speech & Hearing Science | 必修 Required | 2 | 2 | 0 | |
| 統計學 | Statistics | 必修 Required | 2 | 2 | 0 | |
| 基礎神經解剖學 | Neurological Anatomy | 必修 Required | 2 | 2 | 0 | |
| 發展心理學 | Developmental Psychology | 必修 Required | 2 | 0 | 2 | |
| 聽力學導論 | Introduction to Audiology | 必修 Required | 2 | 0 | 2 | |
| 溝通障礙學導論 | Introduction to Communication Disorders | 必修 Required | 2 | 0 | 2 | |
| 語言發展學 | Language Development | 必修 Required | 2 | 0 | 2 | |
| 聽語神經解剖學 | Speech and Hearing Anatomy | 必修 Required | 2 | 0 | 2 | |
| 聾人文化 | Culture of the Deaf | 必修 Required | 1 | 0 | 1 | |
| 復健輔助科技 | Assistive Technology in Rehabilitation | 選修 Elective | 2 | 2 | 0 | |
| 語音學 | Phonetics | 選修 Elective | 2 | 0 | 2 | |
| 聽語台文 | Taiwanese Communication in Speech, Language and Hearing | 選修 Elective | 2 | 0 | 2 | |
| 高齡與溝通 | Aging and Communication | 選修 Elective | 2 | 0 | 2 | |
| 聽語增能微學分 | Audiology and Speech Therapy Increment Micro-Credential Course | 選修 Elective | 1 | (1) | (1) | |
| 必修學分合計 Required Credits in Total | | | 22 | 11 | 11 | |

| | | | | | | |
|---------|------------------------------------|----------------|---|-----|-----|--|
| 多元文化與語文 | Multiculturalism and Languages | 必修 Required | 2 | (2) | (2) | 共同教育課程 通識中心開課 Common Courses Provided by Center for General Education |
| 程式語言 | Programming Language | 必修 Required | 2 | 0 | 2 | 共同教育課程 通識中心開課 Common Courses Provided by Center for General Education |
| 大學之道 | Foundation of University Education | 必修 Required | 1 | 1 | 0 | 共同教育課程 通識中心開課 Common Courses Provided by Center for General Education |
| 服務學習 | Service Learning | 必修 Required | 1 | (1) | (1) | 共同教育課程 通識中心開課 Common Courses Provided by Center for General Education |
| 體育 | Physical Education | 必修 Required | 1 | 1 | 0 | 共同教育課程 通識中心開課 Common Courses Provided by Center for General Education |
| 體育 | Physical Education | 必修 Required | 1 | 0 | 1 | 共同教育課程 通識中心開課 Common Courses Provided by Center for General Education |

| 第 二 學 年 2nd Academic Year | | | | | | |
|--------------------------------|--|----------------|---------------------------------|--|--|---------------|
| 科目名稱 Course Name in Chinese | 科目英文名稱 Course Name in English | 必修 Required | 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 |
| 聽力科學 | Hearing Science | 必修 Required | 3 | 3 | 0 | |
| 語音聲學 | Acoustic Phonetics | 必修 Required | 3 | 3 | 0 | |
| 臨床聽力學 | Essentials of Clinical Audiology | 必修 Required | 2 | 2 | 0 | |
| 聽力學臨床實務論 | Practicum in Clinical Audiology | 必修 Required | 2 | 2 | 0 | |
| 耳鼻喉科學概論 | Introduction to Otolaryngology | 必修 Required | 1 | 1 | 0 | |
| 聽語測驗原理與應用 | Theory and Application of Assessment on Speech, Language and Hearing Disorders | 必修 Required | 2 | 2 | 0 | |
| 噪音與聽力維護 | Noise Survey and Hearing Conservation | 必修 Required | 2 | 0 | 2 | |
| 行為改變技術與應用 | Behavior Modification and Application | 必修 | 2 | 0 | 2 | |

第 二 學 年

2nd Academic Year

| 科目名稱 Course Name in Chinese | 科目英文名稱 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 |
|----------------------------------|--|----------------------------|---------------------------------|--|--|---------------|
| | | Required | | | | |
| 語音聽知覺學 | Speech and Auditory Perception | 必修 Required | 2 | 0 | 2 | |
| 聽覺障礙學(一) | Hearing Disorders (I) | 必修 Required | 2 | 0 | 2 | |
| 兒童言語與語言障礙學 | Speech and Language Disorders in Children | 必修 Required | 2 | 0 | 2 | |
| 兒童語言障礙初階實習 | Practicum in Child Language Disorders | 必修 Required | 1 | 0 | 1 | |
| 手語 | Sign Language | 選修 Elective | 2 | 2 | 0 | |
| 聽語多元文化實務 | Multicultural Practicum in Audiology and Speech-Language Pathology | 選修 Elective | 1 | 1 | 0 | |
| 聽障教育與溝通訓練 | Deaf Education and Communication Training | 選修 Elective | 2 | 2 | 0 | |
| 溝通障礙之諮商技巧 | Counseling in Communication Disorders | 選修 Elective | 2 | 2 | 0 | |
| 早期療育與溝通障礙 | Early Intervention of Communicative Disorders | 選修 Elective | 2 | 0 | 2 | |
| 兒童言語與語言障礙學個案研究 | Case Studies of Speech and Language Disorders in Children | 選修 Elective | 1 | 0 | 1 | |
| 必修學分合計 Required Credits in Total | | | 24 | 13 | 11 | |

| | | | | | | |
|----|--------------------|----------------|---|---|---|---|
| 體育 | Physical Education | 必修 Required | 1 | 1 | 0 | 共同教育課程 體育中心開課 Common Courses Provided by Physical Education Center |
| 體育 | Physical Education | 必修 Required | 1 | 0 | 1 | 共同教育課程 體育中心開課 Common Courses Provided by Physical Education Center |

第 三 學 年

3rd Academic Year

| 科目名稱 Course Name in Chinese | 英文科目名稱 Course Name in English | 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 |
|--------------------------------|----------------------------------|------------------------------|---------------------------------|--|--|---------------|
| 幼兒聽力學 | Pediatric Audiology | 必修 Required | 3 | 3 | 0 | |
| 進階臨床聽力學 | Advanced Clinical Audiology | 必修 | 2 | 2 | 0 | |

第 三 學 年

3rd Academic Year

| 科目名稱 Course Name in Chinese | 英文科目名稱 Course Name in English | 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 |
|----------------------------------|--|------------------------------|-----------------------------|--|--|----------------------------|
| | | Required | | | | |
| 人工耳蝸學 | Cochlear Implant | 必修 Required | 2 | 2 | 0 | |
| 聽語障礙實習(一) | Practicum in Communicative Disorders(I) | 必修 Required | 2 | 2 | 0 | |
| 聽覺輔具原理與實務學 (一) | Principles and Practices in Amplification (I) | 必修 Required | 2 | 2 | 0 | |
| 內耳前庭功能評量與復健 | Assessment and Rehabilitation of Vestibular Function | 必修 Required | 2 | 2 | 0 | |
| 聽覺電生理學(一) | Auditory Electrophysiology (I) | 必修 Required | 2 | 2 | 0 | |
| 聽力學專業與倫理 | Professional Issues and Ethics in Audiology | 必修 Required | 1 | 1 | 0 | |
| 內耳前庭功能評量與復健實習 | Practice in Assessment and Rehabilitation of Vestibular Function | 必修 Required | 1 | 1 | 0 | |
| 幼兒聽力學實務論 | Clinical Application in Pediatric Audiology | 必修 Required | 1 | 1 | 0 | |
| 聽能復健學 | Aural Rehabilitation | 必修 Required | 3 | 0 | 3 | |
| 聽語障礙實習(二) | Practicum in Communicative Disorders(II) | 必修 Required | 2 | 0 | 2 | |
| 聽覺輔具原理與實務學 (二) | Principles and Practices in Amplification (II) | 必修 Required | 2 | 0 | 2 | |
| 聽覺障礙學實務論 | Clinical Application in Hearing Disorders | 必修 Required | 2 | 0 | 2 | |
| 聽力障礙實習總論 | General Principles of Clinical Practicum in Hearing Disorders | 必修 Required | 2 | 0 | 2 | |
| 聽覺電生理學(二) | Auditory Electrophysiology(II) | 必修 Required | 2 | 0 | 2 | |
| 聽覺障礙學(二) | Hearing Disorders (II) | 選修 Elective | 2 | 0 | 2 | |
| 聽覺障礙個案研究 | Case Studies of Hearing Disorders | 選修 Elective | 1 | 0 | 1 | |
| AI 閱讀與寫作 | AI Reading and Writing | 選修 Elective | 2 | 0 | 2 | 全英語授課 Taught in English |
| 必修學分合計 Required Credits in Total | | | 31 | 18 | 13 | |

第 四 學 年

4th Academic Year

| 科目名稱 Course Name in Chinese | 英文科目名稱 Course Name in English | 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 |
|---------------------------------|----------------------------------|------------------------------|-----------------------------|--|--|---------------|
| 聽力學實習(一) | Audiology Practice (I) | 必修 Required | 9 | (9) | (9) | |
| 聽力學實習(二) | Audiology Practice (II) | 必修 Required | 9 | (9) | (9) | |
| 必修學分合計Required Credits Subtotal | | | 18 | | | |

最低畢業學分數 **128** 學分，必修 **95** 學分，通識 **20** 學分，體育 **4** 學分，選修 **9** 學分

The minimum of graduation credits obtained is **128** credits, including compulsory **95** credits, general education **20** credits, physical education **4** credits, and elective **9** credits

說明Instructions：

| | |
|----|---|
| 1. | <p>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」、「程式語言」、「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。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。</p> <p>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:</p> <p>Fundamental General Education Courses: These are mandatory and total 6 credits. They include courses such as "Multiculturalism and Languages," "Programming Languages," "Foundation of University Education," and "Service Learning."</p> <p>Liberal Arts General Education Courses: These are also mandatory and total 14 credits. 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.</p> <p>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."</p> |
|----|---|

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|----|--|
| 2. | <p>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，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。</p> <p>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 Intermediate Level. 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.</p> |
| 3. | <p>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。</p> <p>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.</p> |
| 4. | <p>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。</p> <p>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.</p> |
| 5. | <p>跨域微學程認列之科目於下列情況不可重複認列學分數：1、其他跨域微學程之科目。2、學生主系之科目(包含必修、選修、專業選修)及通識課程。</p> <p>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.</p> |
| 6. | <p>第一至第三學年之所有系上必修科目均擋修第四學年之必修臨床實習。</p> <p>All required departmental courses from the first to the third year will block students from taking the required clinical practicum in the fourth year.</p> |
| 7. | <p>聽力組學生在三年級第 2 學期「聽覺障礙學實務論」課程中，須通過實習能力檢定考。</p> <p>Students in the Audiology group must pass the Practicum Competency Assessment during the second semester of their third year in the course "Clinical Application in Hearing Disorders".</p> |

中山醫學大學

Chung Shan Medical University

114學年度入學新生應修科目及學分表

Courses and Credits for Freshmen Admitted in the 114th Academic Year

醫學科技學院生物醫學科學學系

Department of Biomedical Sciences, College of Medical Science and Technology

| 第一學年 1 st 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 |
| 普通生物學(一) | General Biology(I) | 必修 Required | 3 | 3 | 0 | |
| 普通生物學(二) | General Biology(II) | 必修 Required | 3 | 0 | 3 | |
| 普通生物學實驗 | General Biology Laboratory | 必修 Required | 1 | 0 | 1 | |
| 普通化學 | General Chemistry | 必修 Required | 2 | 2 | 0 | |
| 書報討論(一) | Discussion in Literature(I) | 必修 Required | 1 | 1 | 0 | |
| 生物統計學 | Biostatistics | 必修 Required | 2 | 2 | 0 | |
| 書報討論(二) | Discussion in Literature(II) | 必修 Required | 1 | 0 | 1 | |
| 電腦資訊與生醫科學 | Computer Information for Biomedical Science | 必修 Required | 2 | 0 | 2 | |
| 有機化學 | Organic Chemistry | 必修 Required | 2 | 0 | 2 | |
| 有機化學實驗 | Organic Chemistry Laboratory | 必修 Required | 1 | 0 | 1 | |
| 普通物理學 | General Physics | 選修 Elective | 2 | 2 | 0 | |
| 普通化學實驗 | General Chemistry Laboratory | 選修 Elective | 1 | 1 | 0 | |

| 第一學年 1 st 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 |
| 生技醫藥產業職務探索 | Job Exploration in Biopharmaceutical Industry | 選修 Elective | 2 | 2 | 0 | |
| 生醫科學計算 | Calculations in Biomedical Sciences | 選修 Elective | 2 | 0 | 2 | 專業選修 Professional electives |
| Python程式設計 | Python Programming | 選修 Elective | 2 | 0 | 2 | |
| 生物醫學研究導論 | Introduction to Research in Biomedical Sciences | 選修 Elective | 1 | 0 | 1 | 專業選修 Professional electives |
| 實用英語溝通技巧 | Practical English Communication Skills | 選修 Elective | 2 | 0 | 2 | |
| 生技創新與產業實作微學分 | Biotechnology Innovation and Industrial Practice Micro-Certificate Course | 選修 Elective | 1 | 0 | 1 | |
| 生技產業實務增能微學分 | Biotechnology Industry Practical Enhancing Micro-Certificate Course | 選修 Elective | 1 | 1 | 0 | |
| 必修學分合計 Required Credits Subtotal | | | 18 | 8 | 10 | |

| | | | | | | |
|---------|------------------------------------|----------------|---|-----|-----|---|
| 多元文化與語文 | | 必修 Required | 2 | (2) | (2) | 共同教育課程 通識中心開課 Common Education Courses Provided by General Studies Center |
| 程式語言 | Programming Language | 必修 Required | 2 | 2 | 0 | 共同教育課程 通識中心開課 Common Education Courses Provided by General Studies Center |
| 大學之道 | Foundation of University Education | 必修 Required | 1 | 1 | 0 | 共同教育課程 通識中心開課 Common Education Courses Provided by General Studies Center |
| 服務學習 | Service Learning | 必修 Required | 1 | (1) | (1) | 共同教育課程 通識中心開課 Common Education Courses Provided by General Studies Center |

| | | | | | | |
|----|--------------------|----------------|---|---|---|--|
| 體育 | Physical Education | 必修 Required | 1 | 1 | 0 | 共同教育課程 體育中心開課 Common Education Courses Provided by Sports Center |
| 體育 | Physical Education | 必修 Required | 1 | 0 | 1 | 共同教育課程 體育中心開課 Common Education Courses Provided by Sports Center |

| 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 |
| 細胞生物學 | Cell Biology | 必修 Required | 3 | 3 | 0 | |
| 細胞生物學實驗 | Cell Biology Laboratory | 必修 Required | 1 | 1 | 0 | |
| 生物化學 | Biochemistry | 必修 Required | 2 | 2 | 0 | |
| 生醫生物化學 | Biomedical Biochemistry | 必修 Required | 2 | 0 | 2 | |
| 生物化學實驗 | Biochemistry Laboratory | 必修 Required | 1 | 1 | 0 | |
| 生理學(一) | Physiology(I) | 必修 Required | 2 | 2 | 0 | |
| 生理學(二) | Physiology(II) | 必修 Required | 2 | 0 | 2 | |
| 生理學實驗 | Physiology Laboratory | 必修 Required | 1 | 0 | 1 | |
| 書報討論(三) | Discussion in Literature(III) | 必修 Required | 1 | 1 | 0 | |
| 書報討論(四) | Discussion in Literature(IV) | 必修 Required | 1 | 0 | 1 | |
| 遺傳學 | Genetics | 必修 Required | 3 | 0 | 3 | |
| 分子生物學 | Molecular Biology | 必修 Required | 3 | 0 | 3 | |
| 分子生物學實驗 | Molecular Biology Laboratory | 必修 Required | 1 | 0 | 1 | |
| 專題研究實驗(一) | Research on Special Topics-Laboratory Practice(I) | 選修 Elective | 2 | 2 | 0 | |
| 專題研究實驗(二) | Research on Special Topics-Laboratory Practice(II) | 選修 Elective | 2 | 0 | 2 | |

| 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 |
| 生醫學生的職涯規劃 | Career Planning for Biomedical Students | 選修 Elective | 1 | 1 | 0 | 專業選修 Professional electives |
| 大數據分析 | Big Data Analysis | 選修 Elective | 2 | 2 | 0 | |
| 藥物質譜分析技術 | Mass Spectrometry for Drug Testing | 選修 Elective | 2 | 2 | 0 | |
| 生物資訊學原理 | Principle of Bioinformatics | 選修 Elective | 2 | 2 | 0 | 專業選修 Professional electives |
| 生醫藥妝品學與技術 | Biomedical Cosmeceuticals and Technology | 選修 Elective | 2 | 0 | 2 | 專業選修 Professional electives |
| 人工智慧與機器學習實務應用 | Introduction to Artificial Intelligence and Machine Learning | 選修 Elective | 2 | 0 | 2 | |
| 檢測試劑開發概論 | Introduction of diagnostic reagents development | 選修 Elective | 1 | 0 | 1 | |
| 生態學 | Ecology | 選修 Elective | 2 | 0 | 2 | |
| 進階Python程式設計 | Advanced Python programming | 選修 Elective | 2 | 2 | 0 | |
| 由諾貝爾獎發現簡介分子生物學 | Introduction to Molecular Biology Through Nobel Prize Discoveries | 選修 Elective | 2 | 0 | 2 | |
| 必修學分合計 Required Credits Subtotal | | | 23 | 10 | 13 | |

| | | | | | | |
|----|--------------------|----------------|---|---|---|--|
| 體育 | Physical Education | 必修 Required | 1 | 1 | 0 | 共同教育課程 體育中心開課 Common Education Courses Provided by Sports Center |
| 體育 | Physical Education | 必修 Required | 1 | 0 | 1 | 共同教育課程 體育中心開課 Common Education Courses Provided by Sports Center |

| 第 三 學 年 3rd 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 |
| 發育生物學 | Developmental Biology | 必修 Required | 2 | 2 | 0 | |

| 第 三 學 年 3rd 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 |
| 生物資訊學 | Bioinformatics | 必修 Required | 2 | 2 | 0 | |
| 微生物學及免疫學 | Microbiology & Immunology | 必修 Required | 4 | 2 | 2 | |
| 微生物學及免疫學實驗 | Microbiology & Immunology Laboratory | 必修 Required | 2 | 1 | 1 | |
| 人類遺傳學 | Human Genetics | 必修 Required | 2 | 2 | 0 | |
| 文獻討論(一) | Seminar(I) | 必修 Required | 1 | 1 | 0 | |
| 文獻討論(二) | Seminar(II) | 必修 Required | 1 | 0 | 1 | |
| 神經生物學 | Neurobiology | 必修 Required | 3 | 0 | 3 | |
| 生物技術學(一) | Biotechnology (I) | 必修 Required | 2 | 0 | 2 | |
| 分子遺傳學 | Molecular Genetics | 必修 Required | 3 | 0 | 3 | |
| 專題研究實驗(三) | Research on Special Topics- Laboratory Practice(III) | 選修 Elective | 2 | 2 | 0 | |
| 專題研究實驗(四) | Research on Special Topics- Laboratory Practice(IV) | 選修 Elective | 2 | 0 | 2 | |
| 生技單元操作實驗(一) | Unit Operation Experiment in Biotechnology(I) | 選修 Elective | 2 | 2 | 0 | |
| 生技單元操作實驗(二) | Unit Operation Experiment in Biotechnology(II) | 選修 Elective | 2 | 0 | 2 | |
| 刑事鑑識概論 | Introduction to Forensic Science | 選修 Elective | 2 | 2 | 0 | 專業選修 Professional electives |
| 生物製藥概論 | Introduction to Biopharmaceuticals | 選修 Elective | 2 | 2 | 0 | |
| 腫瘤生物學 | Cancer Biology | 選修 Elective | 2 | 2 | 0 | |
| 藥物化學概論 | Introduction to Medicinal Chemistry | 選修 Elective | 2 | 2 | 0 | |
| 生醫蛋白質體學概論 | Introduction to Proteomics in Biomedical Sciences | 選修 Elective | 2 | 2 | 0 | |
| 酵素學 | Enzymology | 選修 Elective | 2 | 0 | 2 | 專業選修 Professional electives |
| 幹細胞醫學 | Stem Cell Medicine | 選修 Elective | 2 | 0 | 2 | 專業選修 Professional electives |

| 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 |
| 必修學分合計Required Credits Subtotal | | | 22 | 10 | 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 |
| 生物醫學文獻討論(一) | Seminar in Biomedical Sciences(I) | 必修 Required | 1 | 1 | 0 | |
| 生物醫學文獻討論(二) | Seminar in Biomedical Sciences(II) | 必修 Required | 1 | 0 | 1 | |
| 生物技術學(二) | Biotechnology (II) | 選修 Elective | 2 | 2 | 0 | 專業選修 Professional electives |
| 生技實習(一) | Practice in Biotechnology(I) | 選修 Elective | 2 | 2 | 0 | |
| 生技實習(二) | Practice in Biotechnology(II) | 選修 Elective | 2 | 2 | 0 | |
| 基因工程技術 | Genetic Engineering | 選修 Elective | 2 | 2 | 0 | |
| 藥理學概論 | Introduction to Pharmacology | 選修 Elective | 2 | 0 | 2 | |
| 實驗動物醫學概論 | Introduction to Laboratory Animal Medicine | 選修 Elective | 2 | 0 | 2 | |
| 老化分子機制 | Molecular Mechanism of Aging | 選修 Elective | 2 | 0 | 2 | 專業選修 Professional electives |
| 生物科技與生活 | Biotechnology and Life | 選修 Elective | 2 | 0 | 2 | |
| 分子與生命 | Molecules and Life | 選修 Elective | 2 | 0 | 2 | |
| 必修學分合計Required Credits Subtotal | | | 2 | 1 | 1 | |
| 最低畢業學分數128學分，必修65學分，通識20學分，體育4學分，選修39學分 Minimum graduation credits: 128 credits, compulsory 65 credits, general education 20 credits, physical education 4 credits, elective 39 credits | | | | | | |
| 說明Instructions： | | | | | | |

| 第 四 學 年 4th 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 |
| 1. | <p>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」、「程式語言」、「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。</p> <p>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:</p> <p>Fundamental General Education Courses: These are mandatory and total 6 credits. They include courses such as "Multiculturalism and Languages," "Programming Languages," "Foundation of University Education," and "Service Learning."</p> <p>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, Humanistic Medicine, and Science and Technology. At least 2 credits must be completed in each domain.</p> <p>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."</p> | | | | | |
| 2. | <p>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，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。</p> <p>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 Intermediate Level. 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.</p> | | | | | |
| 3. | <p>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。</p> <p>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.</p> | | | | | |
| 4. | <p>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。</p> <p>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.</p> | | | | | |
| 5. | <p>跨域微學程認列之科目於下列情況不可重複認列學分數：1、其他跨域微學程之科目。2、學生主系之科目(包含必修、選修、專業選修)及通識課程。</p> <p>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.</p> | | | | | |
| 6. | <p>至少選修 6 學分專業選修課程，始得畢業。 At least 6 credits of professional elective courses must be taken for graduation.</p> | | | | | |

| 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 |
| 7. | 為強化學生銜接學術研究及就業的競爭力，本系學士班學生於畢業前，必須至少選修一門專業實務能力養成進階課程且成績及格，始得畢業。專業實務能力養成進階課程包括「專題研究實驗(一)(二)(三)(四)」，「生技單元操作實驗(一)(二)」，「生技實習(一)(二)」。本項目之學分不列入本系專業選修6學分計算。 Students are required to take at least one advanced practical skills development course and pass it before graduation to enhance their academic research and employment competitiveness. Courses include "Research Experiment (I)(II)(III)(IV)," "Biotechnology Unit Operation Experiment (I)(II)," and "Biotechnology Internship (I)(II)." These credits are not part of the professional elective 6-credit calculation. | | | | | |
| 8. | 學生修 coursera 課程(https://www.coursera.org)修畢取得修課學分證明，至多抵 4 選修學分。 Completion of Coursera courses with a credit certification can substitute for up to 4 elective credits. This summary highlights the academic expectations and requirements that students must fulfill to graduate from the university. | | | | | |

中山醫學大學

Chung Shan Medical University

114 學年度入學新生應修科目及學分表

Courses and Credits for Freshmen Admitted in the 114th Academic Year

醫學科技學院視光學系

Department of Optometry, College of Medical Science and Technology

第一學年

1st Academic Year

| 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 1 st Semester Credits | 第二 學期 2 nd Semester Credits | 備註 Remarks |
|----------------------------------|--|-----------------------------|---------------------------------|--|--|---------------|
| 普通生物學(一) | General Biology(I) | 必修 Required | 2 | 2 | 0 | |
| 生理學 | Physiology | 必修 Required | 2 | 2 | 0 | |
| 幾何光學 | Geometric Optics | 必修 Required | 2 | 2 | 0 | |
| 幾何光學實驗 | Geometric Optics Laboratory | 必修 Required | 1 | 1 | 0 | |
| 普通生物學(二) | General Biology(II) | 必修 Required | 2 | 0 | 2 | |
| 視光學(一) | Optometry (I) | 必修 Required | 2 | 0 | 2 | |
| 眼球解剖生理(一) | Ocular Anatomy and Physiology(I) | 必修 Required | 2 | 0 | 2 | |
| ※視光學實驗(一) | Optometric Laboratory (I) | 必修 Required | 1 | 0 | 1 | |
| 生理光學(一) | Physiological Optics (I) | 必修 Required | 2 | 0 | 2 | |
| 視覺科學導論(一) | Introduction to Visual Science(I) | 選修 Elective | 2 | 2 | 0 | |
| 視光學概論 | Introduction to Optometry | 選修 Elective | 2 | 2 | 0 | |
| 普通物理學 | Physics | 選修 Elective | 2 | 2 | 0 | |
| 視覺科學導論(二) | Introduction to Visual Science(II) | 選修 Elective | 2 | 0 | 2 | |
| 驗光法規與倫理 | Optometry General Regulations and Ethics | 選修 Elective | 2 | 0 | 2 | |
| 視光產業應用微學分 | Optometry industry applications M.C. Credit Course | 選修 Elective | 2 | (2) | (2) | |
| 必修學分合計 Required Credits Subtotal | | | 16 | 7 | 9 | |

| | | | | | | |
|---------|--|----------------|---|-----|-----|---|
| 多元文化與語文 | | 必修 Required | 2 | (2) | (2) | 共同教育課程 通識中心開課 Common Education Courses Provided by General Studies Center |
|---------|--|----------------|---|-----|-----|---|

| | | | | | | |
|------|------------------------------------|----------------|---|-----|-----|---|
| 程式語言 | Programming Language | 必修 Required | 2 | 2 | 0 | 共同教育課程 通識中心開課 Common Education Courses Provided by General Studies Center |
| 大學之道 | Foundation of University Education | 必修 Required | 1 | 1 | 0 | 共同教育課程 通識中心開課 Common Education Courses Provided by General Studies Center |
| 服務學習 | Service Learning | 必修 Required | 1 | (1) | (1) | 共同教育課程 通識中心開課 Common Education Courses Provided by General Studies Center |
| 體育 | Physical Education | 必修 Required | 1 | 1 | 0 | 共同教育課程 通識中心開課 Common Education Courses Provided by General Studies Center |
| 體育 | Physical Education | 必修 Required | 1 | 0 | 1 | 共同教育課程 通識中心開課 Common Education Courses Provided by General Studies Center |

| 第 二 學 年 2nd Academic Year | | | | | | |
|--------------------------------|------------------------------------|----------------|---------------------------------|--|--|---------------|
| 科目名稱 Course Name in Chinese | 科目英文名稱 Course Name in English | 必修 Required | 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 |
| 眼球解剖生理(二) | Ocular Anatomy and Physiology (II) | 必修 Required | 2 | 2 | 0 | |
| ※視光學實驗(二) | Optometric Laboratory (II) | 必修 Required | 1 | 1 | 0 | |
| 視光學(二) | Optometry (II) | 必修 Required | 2 | 2 | 0 | |
| 視覺知覺學 | Visual Perception | 必修 Required | 2 | 2 | 0 | |
| 生理光學(二) | Physiological Optics (II) | 必修 Required | 2 | 2 | 0 | |
| 生物化學(一) | Biochemistry (I) | 必修 Required | 2 | 2 | 0 | |
| 眼鏡光學 | Ophthalmic Optics | 必修 Required | 2 | 0 | 2 | |
| ※視光學實驗(三) | Optometric Laboratory (III) | 必修 Required | 1 | 0 | 1 | |
| 視光學(三) | Optometry (III) | 必修 Required | 2 | 0 | 2 | |
| 生物化學(二) | Biochemistry (II) | 必修 Required | 2 | 0 | 2 | |
| 專題研究(一) | Independent Study (I) | 選修 Elective | 2 | 2 | 0 | |
| 藥理學 | Pharmacology | 選修 Elective | 2 | 2 | 0 | |

第 二 學 年

2nd Academic Year

| 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 1 st Semester Credits | 第二 學期 2 nd Semester Credits | 備註 Remarks |
|----------------------------------|--------------------------------------|---------------------------------|---------------------------------|--|--|---------------|
| 色彩視覺與立體視覺 | Color and Stereopsis Vision | 選修 Elective | 2 | 0 | 2 | |
| 專題研究(二) | Independent Study (II) | 選修 Elective | 2 | 0 | 2 | |
| 視覺健康食品生技 | Biotechnology of Vision Health Foods | 選修 Elective | 2 | 0 | 2 | |
| 必修學分合計 Required Credits Subtotal | | | 18 | 11 | 7 | |

| | | | | | | |
|----|--------------------|----------------|---|---|---|--|
| 體育 | Physical Education | 必修 Required | 1 | 1 | 0 | 共同教育課程 體育中心開課 Common Education Courses Provided by Sports Center |
| 體育 | Physical Education | 必修 Required | 1 | 0 | 1 | 共同教育課程 體育中心開課 Common Education Courses Provided by Sports Center |

第 三 學 年

3rd Academic Year

| 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 1 st Semester Credits | 第二 學期 2 nd Semester Credits | 備註 Remarks |
|--------------------------------|---------------------------------------|---------------------------------|---------------------------------|--|--|---------------|
| 隱形眼鏡學 | Contact Lens | 必修 Required | 4 | 2 | 2 | |
| ※隱形眼鏡學實驗 | Contact Lens Laboratory | 必修 Required | 2 | 1 | 1 | |
| 配鏡學 | Ophthalmic Lens Dispensing | 必修 Required | 2 | 2 | 0 | |
| ※配鏡學實驗 | Ophthalmic Lens Dispensing Laboratory | 必修 Required | 2 | 2 | 0 | |
| ※臨床視光學實驗 | Clinical Optometry Laboratory | 必修 Required | 1 | 1 | 0 | |
| 眼科學 | Ophthalmology | 必修 Required | 2 | 0 | 2 | |
| 低視力學 | Low Vision | 必修 Required | 2 | 0 | 2 | |
| 雙眼視覺學 | Binocular Vision | 必修 Required | 2 | 0 | 2 | |
| 專題研究 (三) | Independent Study (III) | 選修 Elective | 2 | 2 | 0 | |
| 幼兒視光 | Child Optometry | 選修 | 2 | 2 | 0 | |

| 第 三 學 年 3rd Academic Year | | | | | | |
|---------------------------------|---|-------------------------|------------------------------|--|--|---------------|
| 科目名稱 Course Name in Chinese | 科目英文名稱 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 |
| | | Elective | | | | |
| 視光檢查技巧與分析 | Optometric examination skill and interpretation | 選修 Elective | 1 | 1 | 0 | |
| 專題研究（四） | Independent Study (IV) | 選修 Elective | 2 | 0 | 2 | |
| 視覺研究方法與設計 | Methodology and Design in Vision Science | 選修 Elective | 2 | 0 | 2 | |
| 隱形眼鏡個案專題討論 | Seminar in Contact Lens Case Conference/Report | 選修 Elective | 2 | 0 | 2 | |
| 必修學分合計Required Credits Subtotal | | | 17 | 8 | 9 | |

| 第 四 學 年 4th Academic Year | | | | | | |
|---|--|-------------------------|------------------------------|--|--|---------------|
| 科目名稱 Course Name in Chinese | 科目英文名稱 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 |
| 臨床視光學 | Clinical Optometry | 必修 Required | 2 | (2) | (2) | |
| 眼視光實習(一) | Practicum in Optometry (I) | 必修 Required | 8 | (8) | (8) | |
| 眼視光實習(二) | Practicum in Optometry (II) | 必修 Required | 8 | (8) | (8) | |
| 功能性視覺評估 | Functional Vision Assessment | 必修 Required | 2 | (2) | (2) | |
| 視覺訓練臨床基礎 | Basic Theories of Vision Training | 選修 Elective | 2 | (2) | (2) | |
| 視光產業儀器學 | Optical Industry Instrumentation | 選修 Elective | 2 | (2) | (2) | |
| 視光產業與行銷 | Industry and Marketing in Optometry | 選修 Elective | 2 | (2) | (2) | |
| 眼科藥劑暨藥物治療學 | Ophthalmic Pharmacy and Pharmacology | 選修 Elective | 2 | (2) | (2) | |
| 必修學分合計Required Credits Subtotal | | | 20 | | | |
| 最低畢業學分數學分 128 學分，必修 71 學分，通識學分 20 分，體育 4 學分，選修 33 學分 Minimum graduation credits: 128 credits, compulsory 71 credits, general education 20 credits, physical education 4 credits, elective 33 credits | | | | | | |
| 說明Instructions： | | | | | | |
| 1. | 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 | | | | | |

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| | <p>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」、「程式語言」、「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。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。</p> <p>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:</p> <p>Fundamental General Education Courses: These are mandatory and total 6 credits. They include courses such as "Multiculturalism and Languages," "Programming Languages," "Foundation of University Education," and "Service Learning."</p> <p>Liberal Arts General Education Courses: These are also mandatory and total 14 credits. 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.</p> <p>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."</p> |
| 2. | <p>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，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。</p> <p>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 Intermediate Level. 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.</p> |
| 3. | <p>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。</p> <p>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.</p> |
| 4. | <p>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。</p> <p>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.</p> |
| 5. | <p>擋修課程以※標註，凡標有※任何一科不及格者，擋修「眼視光實習(一)」及「眼視光實習(二)」。</p> <p>Must complete the prerequisite courses in mark ※. Those who fail any of the subjects marked with ※ will be blocked from 「Practicum in Optometry (I)」 and 「Practicum in Optometry (II)」</p> |
| 6. | <p>依本系實習辦法規定，未符合實習資格者，擋修第四學年之眼視光實習(一)及眼視光實習(二)。</p> <p>According to the internship guidelines of this department, those who do not complete the internship qualifications will be</p> |

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| | blocked from 「 Practicum in Optometry (I) 」 and 「 Practicum in Optometry (II) 」 in the fourth academic year. |
| 7. | <p>跨域微學程認列之科目於下列情況不可重複認列學分數：1、其他跨域微學程之科目。2、學生主系之科目(包含必修、選修、專業選修)及通識課程。</p> <p>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.</p> |

中山醫學大學

Chung Shan Medical University

114 學年度入學新生應修科目及學分表

Courses and Credits for Freshmen Admitted in the 114th Academic Year

醫學科技學院視光學系二年制在職專班

Department of Optometry, Two-year Program College of Medical Science and Technology

第一學年

1st Academic Year

| 科目名稱 Course Name in Chinese | 科目英文名稱 Course Name in English | 必修 Required | 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 |
|---------------------------------|---------------------------------------|----------------|------------------------------|--|--|---------------|
| 生理光學 | Physiological Optics | 必修 Required | 2 | 2 | 0 | |
| 視光學(一) | Optometry (I) | 必修 Required | 2 | 2 | 0 | |
| ※視光學實驗(一) | Optometric Laboratory (I) | 必修 Required | 1 | 1 | 0 | |
| 眼球解剖生理(一) | Ocular Anatomy and Physiology(I) | 必修 Required | 2 | 0 | 2 | |
| 視光學(二) | Optometry (II) | 必修 Required | 2 | 0 | 2 | |
| ※視光學實驗(二) | Optometric Laboratory (II) | 必修 Required | 1 | 0 | 1 | |
| 眼鏡光學 | Ophthalmic Optics | 必修 Required | 2 | 0 | 2 | |
| 配鏡學 | Ophthalmic Lens Dispensing | 必修 Required | 2 | 0 | 2 | |
| ※配鏡學實驗 | Ophthalmic Lens Dispensing Laboratory | 必修 Required | 2 | 0 | 2 | |
| 視光學概論 | Introduction to Optometry | 選修 Elective | 2 | 2 | 0 | |
| 視光英文導讀 | Optometry English | 選修 Elective | 2 | 2 | 0 | |
| 生理學 | Physiology | 選修 Elective | 2 | 2 | 0 | |
| 鏡片鍍膜學概論 | Introduction to Lens Coating | 選修 Elective | 2 | 0 | 2 | |
| 視覺健康食品生技 | Biotechnology of Vision Health Foods | 選修 Elective | 2 | 0 | 2 | |
| 必修學分合計Required Credits Subtotal | | | 16 | 5 | 11 | |

第二學年

2nd Academic Year

| 科目名稱 Course Name in Chinese | 科目英文名稱 Course Name in English | 必修 Required | 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 |
|-------------------------------------|---|----------------|------------------------------|--|--|---------------|
| 隱形眼鏡學 | Contact Lens | 必修 Required | 4 | 2 | 2 | |
| ※隱形眼鏡學實驗 | Contact Lens Laboratory | 必修 Required | 2 | 1 | 1 | |
| 視光學(三) | Optometry (III) | 必修 Required | 2 | 2 | 0 | |
| ※視光學實驗(三) | Optometric Laboratory (III) | 必修 Required | 1 | 1 | 0 | |
| 低視力學 | Low Vision | 必修 Required | 2 | 2 | 0 | |
| 眼球解剖生理(二) | Ocular Anatomy and Physiology (II) | 必修 Required | 2 | 2 | 0 | |
| 眼科學 | Ophthalmology | 必修 Required | 2 | 0 | 2 | |
| 雙眼視覺學 | Binocular Vision | 必修 Required | 2 | 0 | 2 | |
| ※臨床視光學實驗 | Clinical Optometry Laboratory | 必修 Required | 1 | 0 | 1 | |
| 生物統計學 | Biostatistics | 選修 Elective | 2 | 2 | 0 | |
| 色彩視覺與立體視覺 | Color and Stereopsis Vision | 選修 Elective | 2 | 2 | 0 | |
| 運動視覺學 | Sport Vision | 選修 Elective | 2 | 2 | 0 | |
| 環境視覺學 | Environmental Vision | 選修 Elective | 2 | 0 | 2 | |
| 視覺研究方法與設計 | Methodology and Design in Vision Science | 選修 Elective | 2 | 0 | 2 | |
| 幼兒視光 | Child Optometry | 選修 Elective | 2 | 0 | 2 | |
| 視光檢查技巧與分析 | Optometric examination skill and interpretation | 選修 Elective | 1 | 0 | 1 | |
| 必修學分合計 Required Credits Subtotal | | | 18 | 10 | 8 | |

| 第 三 學 年 3rd Academic Year | | | | | | |
|--------------------------------|----------------------------------|----------------|------------------------------|--|--|---------------|
| 科目名稱 Course Name in Chinese | 科目英文名稱 Course Name in English | 必修 Required | 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 |
| 眼視光實習(一) | Practicum in Optometry (I) | 必修 Required | 8 | (8) | (8) | |
| 眼視光實習(二) | Practicum in Optometry (II) | 必修 Required | 8 | (8) | (8) | |

第 三 學 年

3rd Academic Year

| 科目名稱 Course Name in Chinese | 科目英文名稱 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 |
|---|---|----------------------------|---------------------------------|--|--|---------------|
| 臨床視光學 | Clinical Optometry | 必修 Required | 2 | (2) | (2) | |
| 驗光法規與倫理 | Optometry general regulations and ethics | 必修 Required | 2 | (2) | (2) | |
| 低視力輔具的教導與使用 | Low Vision Assistive Devices Training | 選修 Elective | 2 | (2) | (2) | |
| 視光產業儀器學 | Optical Industry Instrumentation | 選修 Elective | 2 | (2) | (2) | |
| 視覺神經生物學 | Visual Neuroscience | 選修 Elective | 2 | (2) | (2) | |
| 進階配鏡學 | Advanced Spectacle Dispensing | 選修 Elective | 2 | (2) | (2) | |
| 必修學分合計Required Credits Subtotal | | | 20 | | | |
| 最低畢業學分數學分 72 學分，必修 54 學分，選修 18 學分 Minimum graduation credits: 72 credits, compulsory 54 credits, elective 18 credits | | | | | | |
| 說明Instructions： | | | | | | |
| 1. | 擋修課程以※標註，凡標有※任何一科不及格者，擋修「眼視光實習(一)」及「眼視光實習(二)」。 Courses that are blocked are marked with ※. Those who fail any of the subjects marked with ※ will be blocked from taking 「 Practicum in Optometry (I) 」 and 「 Practicum in Optometry (II) 」 | | | | | |
| 2. | 依本系實習辦法規定，未符合實習資格者，擋修第三學年之眼視光實習(一)及眼視光實習(二)。 According to the internship regulations of this department, those who do not meet the internship qualifications will be blocked from taking 「 Practicum in Optometry (I) 」 and 「 Practicum in Optometry (II) 」 in the fourth academic year. | | | | | |
| 3. | 跨部選修依據中山醫學大學學生選課辦法第十二條規定辦理。 Inter-department electives are handled in accordance with Article 12 of the Course Selection Procedures for Students of Chung Shan Medical University. | | | | | |

中山醫學大學

Chung Shan Medical University

114 學年度入學新生應修科目及學分表

Courses and Credits for Freshmen Admitted in the 114th Academic Year

醫學科技學院醫學影像暨放射科學系

Department of Medical Imaging and Radiological Sciences, College of Medical Science and Technology

| 第一學年 | | | | | | |
|----------------------------------|--|----------------------------|---------------------------------|--|--|---------------|
| 1 st 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 |
| 解剖學 | Human Anatomy | 必修 Required | 2 | 2 | 0 | |
| 普通物理學 | General Physics | 必修 Required | 2 | 2 | 0 | |
| 微積分 | Calculus | 必修 Required | 2 | 2 | 0 | |
| 醫學影像原理 | Principles of Medical Imaging | 必修 Required | 2 | 2 | 0 | |
| 醫用英文 | English for Medical Professionals | 必修 Required | 2 | 2 | 0 | |
| 普通生物學(一) | General Biology (I) | 必修 Required | 2 | 2 | 0 | |
| 生理學 | Physiology | 必修 Required | 2 | 0 | 2 | |
| 應用數學(一) | Applied Mathematics(I) | 必修 Required | 2 | 0 | 2 | |
| 醫學影像傳輸系統 | Pictures Archiving and Communication Systems | 必修 Required | 2 | 0 | 2 | |
| 普通生物學(二) | General Biology (II) | 必修 Required | 2 | 0 | 2 | |
| 普通物理學實驗 | General Physics Laboratory | 必修 Required | 1 | 0 | 1 | |
| 生理學實驗 | Physiology Laboratory | 必修 Required | 1 | 0 | 1 | |
| 普通化學 | General Chemistry | 選修 Elective | 2 | 0 | 2 | |
| 必修學分合計 Required Credits Subtotal | | | 22 | 12 | 10 | |

| | | | | | | |
|---------|--|----------------|---|-----|-----|---|
| 多元文化與語文 | | 必修 Required | 2 | (2) | (2) | 共同教育課程 通識中心開課 Common Education Courses Provided by General Studies Center |
|---------|--|----------------|---|-----|-----|---|

| | | | | | | |
|------|------------------------------------|----------------|---|-----|-----|---|
| 程式語言 | Programming Language | 必修 Required | 2 | 2 | 0 | 共同教育課程 通識中心開課 Common Education Courses Provided by General Studies Center |
| 大學之道 | Foundation of University Education | 必修 Required | 1 | 1 | 0 | 共同教育課程 通識中心開課 Common Education Courses Provided by General Studies Center |
| 服務學習 | Service Learning | 必修 Required | 1 | (1) | (1) | 共同教育課程 通識中心開課 Common Education Courses Provided by General Studies Center |
| 體育 | Physical Education | 必修 Required | 1 | 1 | 0 | 共同教育課程 體育中心開課 Common Education Courses Provided by Sports Center |
| 體育 | Physical Education | 必修 Required | 1 | 0 | 1 | 共同教育課程 體育中心開課 Common Education Courses Provided by Sports Center |

| 第 二 學 年 2 nd 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 |
| 放射物理學 | The Physics of Radiology | 必修 Required | 4 | 2 | 2 | |
| 輻射安全學 | Radiation Protection | 必修 Required | 2 | 2 | 0 | |
| 超音波技術學 | Ultrasonography Technology | 必修 Required | 2 | 2 | 0 | |
| 放射生物學 | Radiobiology | 必修 Required | 2 | 2 | 0 | |
| 切面解剖學 | Sectional Anatomy | 必修 Required | 2 | 2 | 0 | |
| 生物統計應用軟體實務 | Biostatistics Application Software Practice | 必修 Required | 2 | 2 | 0 | |
| 臨床見習 | Clinical Observation | 必修 Required | 1 | 1 | 0 | |
| 放射化學 | Radiochemistry | 必修 Required | 2 | 0 | 2 | |
| 醫學影像處理 | Medical Image Processing | 必修 Required | 2 | 0 | 2 | |
| 放射腫瘤學 | Radiation Oncology | 必修 Required | 2 | 0 | 2 | |
| 放射藥品學 | Radiopharmaceuticals | 必修 Required | 2 | 0 | 2 | |
| 醫學影像病理學 | Medical Imaging Pathology | 必修 Required | 2 | 0 | 2 | |

第 二 學 年

2nd 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 |
|----------------------------------|---|----------------------------|---------------------------------|--|--|---------------|
| 醫學影像處理實驗 | Medical Image Processing Laboratory | 必修 Required | 1 | 0 | 1 | |
| 超音波技術學實驗 | Ultrasonography Technology Laboratory | 必修 Required | 1 | 0 | 1 | |
| 專題研究（一） | Independent Study (I) | 選修 Elective | 2 | 2 | 0 | |
| MATLAB 程式設計 | MATLAB Programming | 選修 Elective | 2 | 2 | 0 | |
| 生醫影像與資訊處理 | Biomedical Image and Information Processing | 選修 Elective | 2 | 2 | 0 | |
| 生物化學 | Biochemistry | 選修 Elective | 2 | 0 | 2 | |
| 專題研究（二） | Independent Study (II) | 選修 Elective | 2 | 0 | 2 | |
| 必修學分合計 Required Credits Subtotal | | | 27 | 13 | 14 | |

| | | | | | | |
|----|--------------------|----------------|---|---|---|--|
| 體育 | Physical Education | 必修 Required | 1 | 1 | 0 | 共同教育課程 體育中心開課 Common Education Courses Provided by Sports Center |
| 體育 | Physical Education | 必修 Required | 1 | 0 | 1 | 共同教育課程 體育中心開課 Common Education Courses Provided by Sports Center |

第 三 學 年

3rd 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 |
|--------------------------------|---|----------------------------|---------------------------------|--|--|---------------|
| 醫學物理 | Medical Physics | 必修 Required | 2 | 2 | 0 | |
| 核子醫學原理及儀器學 | Principle and Instrumentation of Nuclear Medicine | 必修 Required | 2 | 2 | 0 | |
| 磁振原理及儀器學 | Principle of MRI and Instruments | 必修 Required | 2 | 2 | 0 | |
| 放射治療儀器學 | Instrumentation of Radiation Therapy | 必修 Required | 2 | 2 | 0 | |
| 電腦斷層掃描原理與技術學 | Principle and Technology of Computed Tomography | 必修 Required | 2 | 2 | 0 | |

| 第 三 學 年 3 rd 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 |
| 放射診斷攝影原理與設備學 | Principle and Instrumentation of Radiography | 必修 Required | 2 | 2 | 0 | |
| 輻射度量 | Radiation Measurement | 必修 Required | 1 | 1 | 0 | |
| 放射診斷攝影原理與設備學實驗 | Principle and Instrumentation of Radiography Laboratory | 必修 Required | 1 | 1 | 0 | |
| 書報討論 | Discussion in Literature | 必修 Required | 2 | 0 | 2 | |
| 核子醫學技術學 | Nuclear Medicine Technology | 必修 Required | 2 | 0 | 2 | |
| 放射治療技術學 | Radiation Therapy Technology | 必修 Required | 2 | 0 | 2 | |
| 磁共振技術學 | Technology of Magnetic Resonance Imaging | 必修 Required | 2 | 0 | 2 | |
| 放射線特殊攝影技術學 | Special Radiographic Technology | 必修 Required | 2 | 0 | 2 | |
| 放射診斷攝影技術學 | Technology of Radiography | 必修 Required | 2 | 0 | 2 | |
| 醫學影像臨床英文 | Clinical English of Medical Imaging | 必修 Required | 1 | 0 | 1 | |
| ※放射診斷攝影技術學實驗 | Technology of Radiography Laboratory | 必修 Required | 1 | 0 | 1 | |
| 藥理學 | Pharmacology | 選修 Elective | 2 | 2 | 0 | |
| 保健物理學 | Health Physics | 選修 Elective | 2 | 2 | 0 | |
| 專題研究（三） | Independent Study (III) | 選修 Elective | 1 | 1 | 0 | |
| 醫事放射實證醫學 | Evidence-Based Medicine Radiological Technologists | 選修 Elective | 1 | 1 | 0 | |
| 心臟超音波技術學 | Cardiac Ultrasound Technology | 選修 Elective | 2 | 0 | 2 | |
| 醫學影像人工智慧基礎實作 | Basic Implementation of Artificial Intelligence in Medical Imaging | 選修 Elective | 2 | 0 | 2 | |
| 核子醫學技術學實驗 | Nuclear Medicine Technology Laboratory | 選修 Elective | 1 | 0 | 1 | |
| 放射治療技術學實驗 | Radiation Therapy Technology Laboratory | 選修 Elective | 1 | 0 | 1 | |
| 專題研究(四) | Independent Study (IV) | 選修 Elective | 1 | 0 | 1 | |
| 核子醫學技術學問題導向學習 | Nuclear Medicine technology PBL | 選修 Elective | 1 | 0 | 1 | |
| 醫學影像重建與 3D 列印技術應用 | Medical image reconstruction and 3D printing technology application | 選修 Elective | 1 | 0 | 1 | |
| 醫學影像產業應用 | Medical imaging industry applications | 選修 Elective | 1 | 0 | 1 | |

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|---------------------------------|--|----|----|----|--|
| 必修學分合計Required Credits Subtotal | | 28 | 14 | 14 | |
|---------------------------------|--|----|----|----|--|

| 第 四 學 年 4 th 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 |
| 醫學影像診斷技術學實習(含一般X光、牙科攝影、C T、M R I、U S、輻射安全) | Practicum in Diagnosis Medical Imaging Techniques (Including General X-ray, Dental Radiography, Computed Tomography, Magnetic Resonance Imaging, Ultrasound, Radiation Safety) | 必修 Required | 7 | 7 | 0 | |
| 放射治療技術學實習(含臨床放射治療、治療劑量與計畫、模具製作與模擬攝影) | Practicum in Radiation Therapy Techniques (Including Clinical Radiotherapy, Radiotherapy Dosage and Planning, Model Setting and Simulation Setting) | 必修 Required | 3 | 3 | 0 | |
| 核子醫學技術學實習(含核醫造影、R I A、核醫藥物、放射性同位素治療) | Practicum in Nuclear Medicine Techniques(Including Nuclear Medicine Imaging Echniques, Radioimmunoassay, Nuclear Medicine Pharmacology, Radioisotope Therapy) | 必修 Required | 3 | 3 | 0 | |
| 醫事放射倫理 | Medical Radiologist Ethics | 必修 Required | 1 | 0 | 1 | |
| 醫學影像診斷學 | Medical Imaging Diagnosis | 選修 Elective | 2 | 0 | 2 | |
| 放射診斷影像技術品質保證 | Quality Assurance in Diagnostic Imaging Techniques | 選修 Elective | 2 | 0 | 2 | |
| 輻射劑量學 | Radiation Dosimetry | 選修 Elective | 2 | 0 | 2 | |
| 放射治療技術品質保證 | Quality Assurance in Radiation Therapy Techniques | 選修 Elective | 2 | 0 | 2 | |
| 核子醫學劑量學 | Nuclear Medicine Dosimetry | 選修 Elective | 2 | 0 | 2 | |
| 磁共振特論 | Special Topics in Magnetic Resonance | 選修 Elective | 2 | 0 | 2 | |
| 電腦斷層攝影特論 | Special Topics in Computed Tomography | 選修 Elective | 2 | 0 | 2 | |
| 醫學物理特論 | Special Topics in Medical Physics | 選修 Elective | 2 | 0 | 2 | |
| 核子醫學技術品質保證 | Quality Assurance in Nuclear Medicine Techniques | 選修 Elective | 2 | 0 | 2 | |
| 輻射防護法規 | Ionizing Radiation Protection Act | 選修 Elective | 2 | 0 | 2 | |
| 醫療器材設計與開發 | Design and development of medical device | 選修 Elective | 2 | 0 | 2 | |
| 超音波品質保證 | Quality Assurance of Ultrasound | 選修 Elective | 1 | 0 | 1 | |
| 核子醫學治療技術 | Nuclear Medicine Therapy Technology | 選修 Elective | 1 | 0 | 1 | |
| 必修學分合計 | | | 14 | 13 | 1 | |

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| <p>最低畢業學分數 128 學分，必修 91 學分，通識 20 學分，體育 4 學分，選修 13 學分</p> <p>Minimum graduation credits: 128 credits, compulsory 91 credits, general education 20 credits, physical education 4 credits, elective 13 credits</p> | |
| 說明Instructions： | |
| 1. | <p>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」、「程式語言」、「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。</p> <p>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:</p> <p>Fundamental General Education Courses: These are mandatory and total 6 credits. They include courses such as "Multiculturalism and Languages," "Programming Languages," "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.</p> <p>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."</p> |
| 2. | <p>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，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。</p> <p>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 Intermediate Level. 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.</p> |
| 3. | <p>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。</p> <p>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.</p> |
| 4. | <p>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。</p> <p>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.</p> |

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| 5. | <p>跨域微學程認列之科目於下列情況不可重複認列學分數：1、其他跨域微學程之科目。2、學生主系之科目(包含必修、選修、專業選修)及通識課程。</p> <p>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.</p> |
| 6. | <p>必要先修課程以※標註，凡標有※任何一科不及格者，擋修第四學年臨床實習(醫學影像診斷技術學實習、放射治療技術學實習、核子醫學技術學實習)。</p> <p>Courses marked with※are mandatory prerequisite courses. Students who fail any of the courses marked with※will be ineligible to enroll in the fourth-year clinical practicum courses, including Practicum in Diagnostic Medical Imaging Techniques, Practicum in Radiation Therapy Techniques, and Practicum in Nuclear Medicine Techniques.</p> |

中山醫學大學

Chung Shan Medical University

114 學年度入學新生應修科目及學分表

Courses and Credits for Freshmen Admitted in the 114th Academic Year

健康管理學院

College of Health Care and Management

| 科目名稱 Course Name in Chinese | 英文科目名稱 Course Name in English | 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 |
|--------------------------------|--|--------------------------|--------------------------|--|--|---|
| 新創體驗基礎 | Startup Experience | 選修 Elective | 2 | 2 | 0 | |
| 創意與創新實作 | Creation and Innovation Practice | 選修 Elective | 2 | 2 | 0 | |
| 高齡營養與健康照護產業 | Geriatric Nutrition and Health Care Industry | 選修 Elective | 2 | 2 | 0 | 精準健康計畫 (暑期上課) Ministry of Education Program (Summer Courses) |
| 精準營養與高齡健康促進 | Precision Nutrition, Health Promotion and Innovation | 選修 Elective | 2 | 2 | 0 | 精準健康計畫 Ministry of Education Program (Summer Courses) |
| 高齡營養與保健食品 | Nutrition and Health Supplements for the Aging | 選修 Elective | 2 | 2 | 0 | 精準健康計畫 (暑期上課) Ministry of Education Program (Summer Courses) |
| 高齡健康與營養照護 | Healthy Aging and Nutritional Care | 選修 Elective | 2 | 2 | 0 | 精準健康計畫 (暑期上課) Ministry of Education Program (Summer Courses) |
| 高齡飲食之食品安全與保健 | Food Safety and Health in Aging Diet | 選修 Elective | 2 | 2 | 0 | 精準健康計畫 (暑期上課) Ministry of Education Program (Summer Courses) |
| 高齡社會與健康科技創新創業 | Innovation and Entrepreneurship in Aging Society and Health Technology | 選修 Elective | 2 | 2 | 0 | 精準健康計畫 (暑期上課) Ministry of Education Program (Summer Courses) |
| 高齡餐飲跨域創新、思考及行銷應用 | Cross-Domain Innovation, Thinking, and Marketing Application of Catering for the Aging | 選修 Elective | 2 | 2 | 0 | 精準健康計畫 (暑期上課) Ministry of Education Program (Summer Courses) |
| 高齡食品創新實作微學分 | Aging Food Innovation Practical M.C. Credit Course | 選修 Elective | 1 | 1 | 0 | 精準健康計畫 (暑期上課) Ministry of Education Program (Summer Courses) |

| 科目名稱 Course Name in Chinese | 英文科目名稱 Course Name in English | 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 | 備註 Remarks |
|--------------------------------|--|-----------------------------|---------------------------------|--|-------------------------|--|
| 高齡食品創新產業實習 | Internship in the Aging Food Innovation Industry | 選修 Elective | 1 | 1 | 0 | 精準健康計畫 (暑期上課) Ministry of Education Program (Summer Courses) |
| 高齡食品開發與數位科技應用 | Development of Foods for the Elderly and Integration of Digital Technologies | 選修 Elective | 2 | 2 | 0 | 精準健康計畫 (暑期上課) Ministry of Education Program (Summer Courses) |
| AI 與基因導向之高齡精準營養產業 | AI and Gene-Driven Precision Nutrition Industry for Aging Population | 選修 Elective | 2 | 2 | 0 | 精準健康計畫 (暑期上課) Ministry of Education Program (Summer Courses) |
| 智慧科技於高齡整合照護與營養服務 | Smart Technology in Integrated Elderly Care and Nutrition Services | 選修 Elective | 2 | 2 | 0 | 精準健康計畫 (暑期上課) Ministry of Education Program (Summer Courses) |
| 高齡養生樂活 | Healthy Aging and Wellness | 選修 Elective | 2 | 2 | 0 | 精準健康計畫 (暑期上課) Ministry of Education Program (Summer Courses) |
| 高齡科技之電子商務及自媒體行銷 | E-commerce and Self-media Marketing in Aging Technology | 選修 Elective | 2 | 2 | 0 | 精準健康計畫 (暑期上課) Ministry of Education Program (Summer Courses) |
| 復刻台菜食品創新微學分 | Innovative Workshop on Reviving Classic Taiwanese Cuisine M.C. Credit Course | 選修 Elective | 1 | 1 | 0 | 精準健康計畫 (暑期上課) Ministry of Education Program (Summer Courses) |
| 醫藥新聞暨媒體溝通 | Medical News and Media | 選修 Elective | 2 | 2 | 0 | |
| 健康產業的設計思考學 | Design Thinking in the Health Industry | 選修 Elective | 2 | 2 | 0 | |
| 創新創業論壇 | Innovation and Entrepreneurship Forum | 選修 Elective | 2 | 2 | 0 | |
| 食在日本：初級日語與文化適應 | Eating in Japan: Beginner Japanese and Cultural Adaptation | 選修 Elective | 2 | 2 | 0 | |
| 淨零碳規劃與管理 | Net-Zero Carbon Strategy and Governance | 選修 Elective | 2 | 2 | 0 | |
| 虛擬實境與健康實作 | Virtual Reality and Health Practice | 選修 Elective | 3 | 0 | 3 | |
| 健康傳播 | Health Communication | 選修 Elective | 2 | 0 | 2 | |
| 商業智慧與個人成長 | Business Wisdom and Personal Growth | 選修 Elective | 2 | 0 | 2 | |
| 新創初體驗 | Startup Experience | 選修 Elective | 2 | 0 | 2 | |

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| 樂齡科技 | Gerontechnology | 選修 Elective | 2 | 0 | 2 | |
| 智慧健康創作 | Smart Health Practice | 選修 Elective | 2 | 0 | 2 | |
| 虛擬實境與健康 | Virtual Reality and Health | 選修 Elective | 2 | 0 | 2 | |
| 永續發展與經營管理 | Sustainable Development and Management | 選修 Elective | 2 | (2) | (2) | |

說明：

凡選修精準健康計畫開設之課程，於 114-1 學期起始得認列，敬請留意。

Starting from the 114-1 semester, courses offered under the 「Training Program for Interdisciplinary Talents of Precision Health」 can be recognized.

中山醫學大學

Chung Shan Medical University

114 學年度入學新生應修科目及學分表

Courses and Credits for Freshmen Admitted in the 114th Academic Year

健康管理學院營養學系

Department of Nutrition, College of Health Care and Management

| 第一學年 | | | | | | |
|----------------------------------|--|----------------------------|---------------------------------|--|--|---------------|
| 1 st Academic Year | | | | | | |
| 科目名稱 Course Name in Chinese | 科目英文名稱 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 |
| 營養暨食品科技概論 | Introduction to Nutrition and Food Science | 必修 Required | 2 | 2 | 0 | |
| 普通化學暨實驗 | Chemistry General Chemistry & Experiments of General | 必修 Required | 2 | 2 | 0 | |
| 有機化學暨實驗 | Introduction to Organic Chemistry and Lab | 必修 Required | 2 | 2 | 0 | |
| 普通生物學 | General Biology | 必修 Required | 2 | 0 | 2 | |
| 食物學原理 | Principles of Food | 必修 Required | 2 | 0 | 2 | |
| 分析化學暨實驗 | Analytical Chemistry & Experiments of Analytical Chemistry | 必修 Required | 2 | 0 | 2 | |
| 普通生物學實驗 | General Biology Laboratory | 必修 Required | 1 | 0 | 1 | |
| 食物學原理實驗 | Principles of Food Laboratory | 必修 Required | 1 | 0 | 1 | |
| 解剖學 | Human Anatomy | 選修 Elective | 2 | 2 | 0 | |
| 營養職涯 | Careers for Nutritionists and Dieticians | 選修 Elective | 2 | 2 | 0 | |
| 運動營養學概論 | Introduction to Sports Nutrition | 選修 Elective | 2 | 2 | 0 | |
| 蔬果營養與健康 | Health Concepts of Vegetables and Fruits | 選修 Elective | 2 | 0 | 2 | |
| 營養推廣實務 | Nutrition Promotion Practices | 選修 Elective | 2 | 0 | 2 | |
| 必修學分合計 Required Credits Subtotal | | | 14 | 6 | 8 | |

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| 多元文化與語文 | | 必修 Required | 2 | (2) | (2) | 共同教育課程 通識中心開課 Common Education Courses Provided by General Studies Center |
| 程式語言 | Programming Language | 必修 Required | 2 | 0 | 2 | 共同教育課程 通識中心開課 Common Education Courses Provided by General Studies Center |

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|------|------------------------------------|----------------|---|-----|-----|---|
| 大學之道 | Foundation of University Education | 必修 Required | 1 | 1 | 0 | 共同教育課程 通識中心開課 Common Education Courses Provided by General Studies Centre |
| 服務學習 | Service Learning | 必修 Required | 1 | (1) | (1) | 共同教育課程 通識中心開課 Common Education Courses Provided by General Studies Centre |
| 體育 | Physical Education | 必修 Required | 1 | 1 | 0 | 共同教育課程 體育中心開課 Common Education Courses Provided by Sports Center |
| 體育 | Physical Education | 必修 Required | 1 | 0 | 1 | 共同教育課程 體育中心開課 Common Education Courses Provided by Sports Center |

| 第 二 學 年 2nd Academic Year | | | | | | |
|--------------------------------|--|----------------------------|---------------------------------|--|--|---------------|
| 科目名稱 Course Name in Chinese | 科目英文名稱 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 |
| 營養學 | Nutrition | 必修 Required | 4 | 2 | 2 | |
| 生理學 | Physiology | 必修 Required | 2 | 2 | 0 | |
| 生物統計學 | Biostatistics | 必修 Required | 2 | 2 | 0 | |
| 生物化學(一) | Biochemistry(I) | 必修 Required | 2 | 2 | 0 | |
| 營養學實驗 | Nutrition Laboratory | 必修 Required | 2 | 1 | 1 | |
| 生物化學實驗 | Biochemistry Laboratory | 必修 Required | 1 | 1 | 0 | |
| 生理學實驗 | Physiology Laboratory | 必修 Required | 1 | 1 | | |
| 營養實習-基礎 | Practicum in Dietetic - Basic | 必修 Required | 1 | 1 | 0 | |
| 食品微生物學暨實驗 | Food Microbiology & Food Microbiology Laboratory | 必修 Required | 3 | 0 | 3 | |
| 食品化學 | Food Chemistry | 必修 Required | 2 | 0 | 2 | |
| 生物化學(二) | Biochemistry(II) | 必修 Required | 2 | 0 | 2 | |
| 食品化學實驗 | Food Chemistry Laboratory | 必修 Required | 1 | 0 | 1 | |
| 膳食設計管理暨實驗 | Meal Planning and Management Laboratory | 必修 Required | 1 | 0 | 1 | |
| 文獻導讀 | Introduction to Scientific Literature Reading | 選修 Elective | 2 | 2 | 0 | |
| 營養教育 | Nutritional Education | 選修 Elective | 2 | 2 | 0 | |

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| 點心製作 | Dessert Preparation | 選修 Elective | 2 | 2 | 0 | |
| 脂肪與疾病 | Lipid and Diseases | 選修 Elective | 2 | 2 | 0 | |
| 嬰幼兒期營養與膳食 | Nutrition and Meal Design in Infant and Early Childhood | 選修 Elective | 2 | 2 | 0 | |
| 臨床資料分析入門 | Introduction to Clinical Data Analysis | 選修 Elective | 2 | 2 | 0 | |
| 寵物營養與管理 | Pet Nutrition and Management | 選修 Elective | 2 | 2 | 0 | |
| 病理學 | Pathology | 選修 Elective | 2 | 0 | 2 | |
| 運動營養學 | Sport Nutrition | 選修 Elective | 2 | 0 | 2 | |
| 慢性病與營養 | Chronic Diseases and Nutrition | 選修 Elective | 2 | 0 | 2 | |
| 營養午餐設計與規劃 | Design and Management of Nutrition School Lunch | 選修 Elective | 2 | 0 | 2 | |
| 醣類代謝 | Carbohydrate Metabolism | 選修 Elective | 2 | 0 | 2 | |
| 飲食資料分析與應用 | Analysis of Food Information | 選修 Elective | 2 | 0 | 2 | |
| 營養與體重管理 | Nutrition for Weight Management | 選修 Elective | 2 | 0 | 2 | |
| 精準營養學 | Precision Nutrition | 選修 Elective | 2 | 0 | 2 | |
| 專題研究（一） | Independent Study (I) | 選修 Elective | 1 | 0 | 1 | |
| 必修學分合計 Required Credits Subtotal | | | 24 | 12 | 12 | |

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|----|--------------------|----------------|---|---|---|--|
| 體育 | Physical Education | 必修 Required | 1 | 1 | 0 | 共同教育課程 體育中心開課 Common Education Courses Provided by Sports Center |
| 體育 | Physical Education | 必修 Required | 1 | 0 | 1 | 共同教育課程 體育中心開課 Common Education Courses Provided by Sports Center |

| 第 三 學 年 3rd Academic Year | | | | | | |
|--------------------------------|---|----------------|---------------------------------|--|--|---------------|
| 科目名稱 Course Name in Chinese | 科目英文名稱 Course Name in English | 必修 Required | 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 |
| 膳食療養學 | Nutrition and Diet Therapy | 必修 Required | 6 | 3 | 3 | |
| 食品衛生與安全 | Food Sanitation and Safety | 必修 Required | 3 | 3 | 0 | |
| 社區營養學 | Nutrition in the Community | 必修 Required | 2 | 2 | 0 | |
| 團體膳食製備與管理 | Quantity Food Production, Planning and Management | 必修 Required | 2 | 2 | 0 | |

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| 膳食療養學實驗 | Therapeutic Nutrition Laboratory | 必修 Required | 2 | 1 | 1 | |
| 食品衛生與安全實驗 | Food Sanitation and Safety Laboratory | 必修 Required | 1 | 1 | 0 | |
| 團體膳食製備與管理實驗 | Quantity Food Production, Planning and Management Laboratory | 必修 Required | 1 | 1 | 0 | |
| 生命期營養 | Nutrition through the Life Cycle | 必修 Required | 3 | 0 | 3 | |
| 臨床營養 | Clinical Nutrition | 必修 Required | 2 | 0 | 2 | |
| 營養評估 | Nutrition Assessment | 必修 Required | 2 | 0 | 2 | |
| 重症營養 | Nutrition in Critical Care | 選修 Elective | 2 | 2 | 0 | |
| 營養化學 | Nutritional Chemistry | 選修 Elective | 2 | 2 | 0 | |
| 營養與癌症 | Nutrition & Cancer | 選修 Elective | 2 | 2 | 0 | |
| 糖尿病概論 | Introduction to Diabetes Mellitus | 選修 Elective | 2 | 2 | 0 | |
| 臨床營養實務 | Practice Training for Hospital Dietitian-basic | 選修 Elective | 2 | 2 | 0 | |
| 老人營養概論 | Introduction to Elderly Nutrition | 選修 Elective | 2 | 2 | 0 | |
| 管灌營養 | Enteral Nutrition | 選修 Elective | 2 | 0 | 2 | |
| 靜脈營養 | Parenteral Nutrition | 選修 Elective | 2 | 0 | 2 | |
| 長期照護營養 | Nutrition Therapy for Long Term Care | 選修 Elective | 2 | 0 | 2 | |
| 臨床試驗與報告 | Clinical Trials and Reports | 選修 Elective | 2 | 0 | 2 | |
| 免疫學概論 | Introduction to Immunology | 選修 Elective | 2 | 0 | 2 | |
| 臨床案例分析 | Clinical Case Study | 選修 Elective | 2 | 0 | 2 | |
| 營養專業人員臨床技能演練與評量 | OSCE (Objective Structured Clinical Examination) for Nutrition Professionals | 選修 Elective | 2 | 0 | 2 | |
| 專題研究 (二) | Independent Study (II) | 選修 Elective | 1 | 0 | 1 | |
| 必修學分合計 Required Credits Subtotal | | | 24 | 13 | 11 | |

| 第 四 學 年 4th Academic Year | | | | | | |
|--------------------------------|--|----------------------------------|---------------------------------|--|--|---------------|
| 科目名稱 Course Name in Chinese | 科目英文名稱 Course Name in English | 必修 Required 選修 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 |
| 食品加工 | Food Processing | 必修 Required | 2 | 2 | 0 | |
| 食品加工實驗 | Food Processing Laboratory | 必修 Required | 1 | 1 | 0 | |
| 專題討論(一) | Seminar(I) | 必修 Required | 1 | 1 | 0 | |
| 食品分析暨實驗 | Food Analysis & Food Analysis Laboratory | 必修 Required | 3 | 0 | 3 | |

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| 專題討論(二) | Seminar (II) | 必修 Required | 1 | 0 | 1 | |
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第 四 學 年

4th Academic Year

| 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 1 st Semester Credits | 第二 學期 2 nd Semester Credits | 備註 Remarks |
|--|--|--------------------------|------------------------------|--|--|---------------|
| 營養實習-臨床營養 | Practicum in Dietetic - Clinical Nutrition | 選修 Elective | 6 | 6 | 0 | |
| 營養與免疫 | Nutrition and Immunity | 選修 Elective | 2 | 2 | 0 | |
| 營養生化 | Nutritional Biochemistry | 選修 Elective | 2 | 2 | 0 | |
| 食品安全管制系統 | Food Safety Control System | 選修 Elective | 2 | 2 | 0 | |
| 肌力與體能支持之運動營養實務 | Applied Sports Nutrition for Strength and Conditioning | 選修 Elective | 2 | 2 | 0 | |
| 食物與藥物的相互作用 | Interaction of Food and Drug | 選修 Elective | 2 | 0 | 2 | |
| 乳品學 | Dairy | 選修 Elective | 2 | 0 | 2 | |
| 食品工廠管理 | Food Factory Management | 選修 Elective | 2 | 0 | 2 | |
| 專題研究（三） | Independent Study (III) | 選修 Elective | 1 | 0 | 1 | |
| 必修學分合計Required Credits Subtotal | | | 8 | 4 | 4 | |
| 最低畢業學分數 128 學分，必修 70 學分，通識 20 學分，體育 4 學分，選修 34 學分 Minimum graduation credits: 128 credits, compulsory 70 credits, general education 20 credits, physical education 4 credits, elective 34 credits | | | | | | |
| 說明Instructions： | | | | | | |

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| 1 | <p>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」、「程式語言」、「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學群領域，每個學群領域至少需修習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。</p> <p>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:</p> <p>Fundamental General Education Courses: These are mandatory and total 6 credits. They include courses such as "Multiculturalism and Languages," "Programming Languages," "Foundation of University Education," and "Service Learning."</p> <p>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.</p> <p>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."</p> |
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| 第 四 學 年 4th Academic Year | | | | | | |
|--------------------------------|--|---------------------------------|---------------------------------|--|--|---------------|
| 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 1 st Semester Credits | 第二 學期 2 nd Semester Credits | 備註 Remarks |
| 2. | <p>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，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。</p> <p>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 Intermediate Level. 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.</p> | | | | | |
| 3. | <p>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。</p> <p>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.</p> | | | | | |
| 4. | <p>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。</p> <p>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.</p> | | | | | |
| 5. | <p>跨域微學程認列之科目於下列情況不可重複認列學分數：1、其他跨域微學程之科目。2、學生主系之科目(包含必修、選修、專業選修)及通識課程。</p> <p>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.</p> | | | | | |
| 6. | <p>臨床實習選填辦法：</p> <p>實習前應修畢以下二個類別之各其中一門選修課程，方能申請實習。</p> <p>1、修畢二年級「文獻導讀」或三年級「臨床試驗與報告」之其中一門選修課程，方能申請實習。</p> <p>2、修畢三年級「營養專業人員臨床技能演練與評量」或三年級「臨床案例分析」之其中一門選修課程，方能申請實習。</p> <p>3、採計 1 至 3 年級上學期必修之總平均成績來排名(此總和分數以各科目之每學期成績乘以學分數後之總和計算)，若同分則依據「膳食療養學」成績排名；若仍同分再依「團體膳食製備與管理」成績排名；最後再依「營養學」成績。</p> <p>Clinical Internship Application Procedure：</p> <p>Before applying for an internship, students must complete one elective in each of the following two categories:</p> <p>1. Only those who have completed one of the following elective second-year courses, 「Introduction to Scientific Literature Reading」, or the third-year course, 「Clinical Trials and Reports」, can apply for the internship.</p> <p>2. Only those who have completed one of the following elective third-year courses, 「OSCE (Objective Structured Clinical Examination) for Nutrition Professionals」, or 「Clinical Case Study」, can apply for the internship.</p> <p>3. The ranking is based on the average grades from the required courses taken in the first to third years of study (calculated as the sum of each course's semester grade multiplied by its credit). In case of tie scores, priority will be given based on the grade in 「Nutrition and Diet Therapy」; if still tied, then based on 「Quantity Food Production, Planning and Management」; finally, based on 「Nutrition」 grades.</p> | | | | | |
| 7. | <p>系選修至少須滿 20 學分，方可畢業。</p> <p>Students must complete a minimum of 20 credits of elective courses within their major to graduate.</p> | | | | | |

中山醫學大學

Chung Shan Medical University

114 學年度入學新生應修科目及學分表

Courses and Credits for Freshmen Admitted in the 114th Academic Year

健康管理學院公共衛生學系

Department of Public Health, 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 1st Semester Credits | 第二 學期 2nd Semester Credits | 備註 Remarks |
|--------------------------------|---|----------------------------|---------------------------------|--|--|---------------|
| 公共衛生導論 | Introduction to Public Health | 必修 Required | 2 | 2 | 0 | |
| 管理學 | Management | 必修 Required | 2 | 2 | 0 | |
| 人口學與公共衛生 | Demography and Public Health | 必修 Required | 2 | 2 | 0 | |
| 生物統計學(一) | Biostatistics(I) | 必修 Required | 2 | 2 | 0 | |
| 環境科學概論 | Introduction to Environmental Sciences | 必修 Required | 2 | 0 | 2 | |
| 環境衛生學(一) | Environmental Health(I) | 必修 Required | 2 | 0 | 2 | |
| 當代公共衛生議題 | Current Public Health Issues | 必修 Required | 2 | 0 | 2 | |
| 流行病學(一) | Epidemiology(I) | 必修 Required | 2 | 0 | 2 | |
| 生物統計學(二) | Biostatistics (II) | 必修 Required | 2 | 0 | 2 | |
| 普通生物學 | General Biology | 選修 Elective | 2 | 2 | 0 | |
| 普通化學 | General Chemistry | 選修 Elective | 2 | 2 | 0 | |
| 環境數學 | Environmental Mathematics | 選修 Elective | 2 | 2 | 0 | |
| 實驗室安全衛生 | Laboratory Safety and Health Physics | 選修 Elective | 2 | 2 | 0 | |
| 居家害蟲防治技術 | Home Pest Control Techniques | 選修 Elective | 2 | 2 | 0 | |
| 健康教育數位轉型入門 | An introduction to digital transformation of health education | 選修 Elective | 2 | 2 | 0 | |
| 公衛新聞報導技巧 | Public health news reporting skills | 選修 Elective | 2 | 2 | 0 | |
| 有機化學 | Organic Chemistry | 選修 Elective | 2 | 0 | 2 | |
| 水質檢驗 | Water Analysis | 選修 Elective | 2 | 0 | 2 | |
| 全球變遷與公共衛生 | Global Change and Public Health | 選修 Elective | 2 | 0 | 2 | |
| 公衛研究法概論 | Introduction to Our Experience on Public Health | 選修 Elective | 2 | 0 | 2 | |
| 性教育與公共衛生 | Sexuality Education and Public Health | 選修 Elective | 2 | 0 | 2 | |

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|----------------------------------|--|----------------|----|---|----|--|
| 醫學術語中的希臘語和拉丁語 | Greek and Latin in Medical Terminology | 選修 Elective | 2 | 0 | 2 | |
| 普通生物學實驗 | General Biology Laboratory | 選修 Elective | 1 | 0 | 1 | |
| 傳染病防治政策與實務 | Infectious Disease Control Policy and Practice | 選修 Elective | 2 | 0 | 2 | |
| 臨床試驗概論 | Introduction to Clinical Trials | 選修 Elective | 2 | 0 | 2 | |
| 必修學分合計 Required Credits Subtotal | | | 18 | 8 | 10 | |

| | | | | | | |
|---------|------------------------------------|----------------|---|-----|-----|---|
| 多元文化與語文 | | 必修 Required | 2 | (2) | (2) | 共同教育課程 通識中心開課 Common Education Courses Provided by General Studies Center |
| 程式語言 | Programming Language | 必修 Required | 2 | 0 | 2 | 共同教育課程 通識中心開課 Common Education Courses Provided by General Studies Center |
| 大學之道 | Foundation of University Education | 必修 Required | 1 | 1 | 0 | 共同教育課程 通識中心開課 Common Education Courses Provided by General Studies Center |
| 服務學習 | Service Learning | 必修 Required | 1 | (1) | (1) | 共同教育課程 通識中心開課 Common Education Courses Provided by General Studies Center |
| 體育 | Physical Education | 必修 Required | 1 | 1 | 0 | 共同教育課程 體育中心開課 Common Education Courses Provided by Sports Center |
| 體育 | Physical Education | 必修 Required | 1 | 0 | 1 | 共同教育課程 體育中心開課 Common Education Courses Provided by Sports Center |

| 第 二 學 年 | | | | | | |
|--------------------------------|---|----------------------------|---------------------------------|--|---|---------------|
| 2nd 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 1st Semester Credits | 第二 學 期 2nd Semester Credits | 備註 Remarks |
| 行為科學 | Behavioral Science | 必修 Required | 2 | 2 | 0 | |
| 環境化學 | Environmental Chemistry | 必修 Required | 2 | 2 | 0 | |
| 健康管理概論 | Introduction to Health Administration | 必修 Required | 2 | 2 | 0 | |
| 環境衛生學(二) | Environmental Health(II) | 必修 Required | 2 | 2 | 0 | |
| 流行病學(二) | Epidemiology(II) | 必修 Required | 2 | 2 | 0 | |
| 衛生教育 | Health Education | 必修 Required | 2 | 0 | 2 | |
| 生物統計實務 | Biostatistics Practice | 必修 Required | 2 | 0 | 2 | |
| 流行病學實例討論 | Case Study on Epidemiology | 必修 Required | 2 | 0 | 2 | |
| 公衛期刊論文導讀 | Introduction to Public Health Journals | 必修 Required | 2 | 0 | 2 | |
| 心理衛生 | Mental Health | 選修 Elective | 2 | 2 | 0 | |
| 環境衛生害蟲概論 | Introduction to the Environmental Health Pest | 選修 Elective | 2 | 2 | 0 | |
| 公共衛生微生物及免疫學 | Public Health Microbiology and Immunology | 選修 Elective | 2 | 2 | 0 | |
| 環境污染與健康 | Environmental Pollution and Health | 選修 Elective | 2 | 2 | 0 | |
| 飲用水管理 | Drinking Water Management | 選修 Elective | 2 | 2 | 0 | |
| 污染傳輸與健康 | Pollution Transport and Health | 選修 Elective | 2 | 2 | 0 | |
| 呼吸性傳染病與人體健康 | Respiratory Infections and Human Health | 選修 Elective | 2 | 2 | 0 | |
| 健康經濟學 | Health Economics | 選修 Elective | 2 | 2 | 0 | |
| 儀器分析 | Principles of Instrumental Analysis | 選修 Elective | 2 | 0 | 2 | |
| 生理學 | Physiology | 選修 Elective | 2 | 0 | 2 | |
| 病媒管制學 | Vectors Control | 選修 Elective | 2 | 0 | 2 | |
| 輻射安全 | Radiation Safety | 選修 Elective | 2 | 0 | 2 | |
| 寄生蟲學 | Parasitology | 選修 Elective | 2 | 0 | 2 | |
| 環境微生物學 | Environmental Microbiology | 選修 Elective | 2 | 0 | 2 | |
| 環境資訊系統 | Environmental Information | 選修 Elective | 2 | 0 | 2 | |
| 給水工程設計 | Water Supply Engineering Design | 選修 Elective | 2 | 0 | 2 | |

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|----------------------------------|--|----------------|----|----|---|--|
| 建成環境與健康 | Built Environment and Health | 選修 Elective | 2 | 0 | 2 | |
| 健康與高齡友善的宜居環境 | A healthy, Age-friendly, and Livable Environment | 選修 Elective | 2 | 0 | 2 | |
| 必修學分合計 Required Credits Subtotal | | | 18 | 10 | 8 | |

| | | | | | | |
|----|--------------------|----------------|---|---|---|--|
| 體育 | Physical Education | 必修 Required | 1 | 1 | 0 | 共同教育課程 體育中心開課 Common Education Courses Provided by Sports Center |
| 體育 | Physical Education | 必修 Required | 1 | 0 | 1 | 共同教育課程 體育中心開課 Common Education Courses Provided by Sports Center |

| 第 三 學 年 3rd 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 1st Semester Credits | 第二 學期 2nd Semester Credits | 備註 Remarks |
| 公共衛生行政 | Public Health Administration | 必修 Required | 2 | 2 | 0 | |
| 傳染病防治 | Illustrated and Management of Infectious Disease | 必修 Required | 2 | 2 | 0 | |
| 資料分析 | Data Analysis | 必修 Required | 2 | 2 | 0 | |
| 室內空氣品質 | Indoor Air Quality | 必修 Required | 2 | 2 | 0 | |
| 醫事與衛生法規 | Medical and Hygiene Regulations | 必修 Required | 2 | 0 | 2 | |
| 社區保健 | Community Health | 必修 Required | 2 | 0 | 2 | |
| 風險評估 | Risk Assessment | 必修 Required | 2 | 0 | 2 | |
| 研究方法與研究設計實驗 (一) | Research Methods and Design Internship (I) | 必修 Required | 2 | 0 | 2 | |
| 空氣污染 | Air Pollution | 必修 Required | 2 | 0 | 2 | |
| 微生物學及免疫學 | Microbiology & Immunology | 選修 Elective | 2 | 2 | 0 | |
| 生物偵測 | Biological Monitoring | 選修 Elective | 2 | 2 | 0 | |

第 三 學 年

3rd 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 1st Semester Credits | 第二 學期 2nd Semester Credits | 備註 Remarks |
|----------------------------------|--|----------------------------|---------------------------------|--|--|---------------|
| 環境工程概論 | Introduction to Environmental Engineering | 選修 Elective | 2 | 2 | 0 | |
| 健康保險 | Health Insurance | 選修 Elective | 2 | 2 | 0 | |
| 婦幼衛生學 | Maternal and Child Health | 選修 Elective | 2 | 2 | 0 | |
| 土壤污染與防治 | Soil Pollution Prevention | 選修 Elective | 2 | 2 | 0 | |
| 固體廢棄物處理 | Solid Waste Treatment | 選修 Elective | 2 | 2 | 0 | |
| 環境影響評估 | Environment Impact Assessment | 選修 Elective | 2 | 2 | 0 | |
| 環境危害案例評析 | Review in Environmental Hazards | 選修 Elective | 2 | 2 | 0 | |
| 大數據分析 | Big Data Analysis | 選修 Elective | 2 | 2 | 0 | |
| 公害防治 | Pollution Prevention | 選修 Elective | 2 | 0 | 2 | |
| 健康資訊學 | Health Informatics | 選修 Elective | 2 | 0 | 2 | |
| 慢性病防治 | Chronic Diseases Prevention and Management | 選修 Elective | 2 | 0 | 2 | |
| 藥物食品管制 | Pharmaceuticals and Food Control | 選修 Elective | 2 | 0 | 2 | |
| 長期照護 | Long-term Care | 選修 Elective | 2 | 0 | 2 | |
| 地下水污染防治 | Groundwater Pollution Prevention | 選修 Elective | 2 | 0 | 2 | |
| 污水工程 | Wastewater Engineering | 選修 Elective | 2 | 0 | 2 | |
| 空氣污染物分析 | Analysis of Air Pollutants | 選修 Elective | 2 | 0 | 2 | |
| 環保行政與法規 | Environmental Administration and Regulations | 選修 Elective | 2 | 0 | 2 | |
| 迴歸分析 | Regression Analysis | 選修 Elective | 2 | 0 | 2 | |
| 環境衛生案例評析 | Case Study of Environmental Health | 選修 Elective | 2 | 0 | 2 | |
| 資料分析與SPSS 軟體應用 | Data Analysis and Application Using SPSS | 選修 Elective | 2 | 0 | 2 | |
| 現代傳染病學 | Modern Infectious Disease | 選修 Elective | 2 | 0 | 2 | |
| 必修學分合計 Required Credits Subtotal | | | 18 | 8 | 10 | |

第 四 學 年

4th 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 1st Semester Credits | 第二 學期 2nd Semester Credits | 備註 Remarks |
|--|---|----------------------------|---------------------------------|--|--|---------------|
| 公共衛生實習 | Public Health Internship | 必修 Required | 3 | 3 | 0 | |
| 健康促進 | Health Promotion | 必修 Required | 2 | 2 | 0 | |
| 研究方法與研究設計實驗(二) | Research Methods and Design Internship (II) | 必修 Required | 2 | 2 | 0 | |
| 醫療保健制度 | Medical Treatment Delivery System | 必修 Required | 2 | 2 | 0 | |
| 論文研究 | Seminar | 必修 Required | 2 | 0 | 2 | |
| 公共衛生綜論(一) | Synthesis Courses of Public Health (I) | 選修 Elective | 2 | 2 | 0 | |
| 老人專題研究 | Gerontological Topic Research | 選修 Elective | 2 | 0 | 2 | |
| 公共衛生綜論(二) | Synthesis Courses of Public Health (II) | 選修 Elective | 2 | 0 | 2 | |
| 必修學分合計 | | | 11 | 9 | 2 | |
| 最低畢業學分數 128 學分，必修 65 學分，通識 20 學分，體育 4 學分，選修 39 學分 Minimum graduation credits: 128 credits, compulsory 65 credits, general education 20 credits, physical education 4 credits, elective 39 credits | | | | | | |
| 說明Instructions： | | | | | | |

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|----|--|
| 1. | <p>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」、「程式語言」、「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。</p> <p>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:</p> <p>Fundamental General Education Courses: These are mandatory and total 6 credits. They include courses such as "Multiculturalism and Languages," "Programming Languages," "Foundation of University Education," and "Service Learning."</p> <p>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.</p> <p>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."</p> |
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第 四 學 年

4th Academic Year

| 科目名稱 Course Name in Chinese | 英文科目名稱 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 | 備註 Remarks |
|--------------------------------|--|---------------------------------|---------------------------------|--|--|---------------|
| 2. | <p>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，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。</p> <p>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 Intermediate Level. 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.</p> | | | | | |
| 3. | <p>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。</p> <p>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.</p> | | | | | |
| 4. | <p>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。</p> <p>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.</p> | | | | | |
| 5. | <p>跨域微學程認列之科目於下列情況不可重複認列學分數：1、其他跨域微學程之科目。2、學生主系之科目(包含必修、選修、專業選修)及通識課程。</p> <p>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.</p> | | | | | |
| 6. | <p>選修中至少修習 20 學分是由公衛系開設的選修課。</p> <p>For students' elective courses, at least 20 credits must be taken from the electives offered by the Department of Public Health.</p> | | | | | |

中山醫學大學

Chung Shan Medical University

114 學年度入學新生應修科目及學分表

Courses and Credits for Freshmen Admitted in the 114th 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 | |
| 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 | | | 25 | 14 | 11 | |

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|---------|----------------------|----------------|---|-----|-----|---|
| 多元文化與語文 | | 必修 Required | 2 | (2) | (2) | 共同教育課程 通識中心開課 Common Education Courses Provided by General Studies Center |
| 程式語言 | Programming Language | 必修 Required | 2 | 0 | 2 | 共同教育課程 通識中心開課 Common Education Courses Provided by General Studies Center |

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|------|------------------------------------|----------------|---|-----|-----|---|
| 大學之道 | Foundation of University Education | 必修 Required | 1 | 1 | 0 | 共同教育課程 通識中心開課 Common Education Courses Provided by General Studies Center |
| 服務學習 | Service Learning | 必修 Required | 1 | (1) | (1) | 共同教育課程 通識中心開課 Common Education Courses Provided by General Studies Center |
| 體育 | Physical Education | 必修 Required | 1 | 1 | 0 | 共同教育課程 體育中心開課 Common Education Courses Provided by Sports Center |
| 體育 | Physical Education | 必修 Required | 1 | 0 | 1 | 共同教育課程 體育中心開課 Common Education Courses Provided by Sports Center |

| 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 | |
| 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 |

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|----------------------------------|---|----------------|----|----|----|----------------------------|
| 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 | |

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|----|--------------------|----------------|---|---|---|--|
| 體育 | Physical Education | 必修 Required | 1 | 1 | 0 | 共同教育課程 體育中心開課 Common Education Courses Provided by Sports Center |
| 體育 | Physical Education | 必修 Required | 1 | 0 | 1 | 共同教育課程 體育中心開課 Common Education Courses Provided by Sports Center |

| 第 三 學 年 3rd 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 |
| 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 | |
| 資材及供應鏈管理 | Material and Supply Chain Management | 必修 Required | 2 | 0 | 2 | |
| 作業管理 | Operation Management | 必修 Required | 2 | 0 | 2 | |

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|---------------------------------|--|----------------|----|----|----|--|
| 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 | |
| 智慧財產權法與醫療科技管理 | Intellectual Property Right Regulation and Management of Healthcare Technology | 選修 Elective | 2 | 2 | 0 | |
| 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 | |
| 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 | |

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| <p>最低畢業學分數 128 學分，必修 82 學分，通識 20 學分，體育 4 學分，選修 22 學分</p> <p>Minimum graduation credits: 128 credits, compulsory 82 credits, general education 20 credits, physical education 4 credits, elective 22 credits</p> | |
| 說明Instructions： | |
| 1. | <p>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」、「程式語言」、「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。</p> <p>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:</p> <p>Fundamental General Education Courses: These are mandatory and total 6 credits. They include courses such as "Multiculturalism and Languages," "Programming Languages," "Foundation of University Education," and "Service Learning."</p> <p>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.</p> <p>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."</p> |
| 2. | <p>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，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。</p> <p>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 Intermediate Level. 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.</p> |
| 3. | <p>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。</p> <p>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.</p> |
| 4. | <p>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。</p> <p>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.</p> |
| 5. | <p>跨域微學程認列之科目於下列情況不可重複認列學分數：1、其他跨域微學程之科目。2、學生主系之科目(包含必修、選修、專業選修)及通識課程。</p> <p>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.</p> |

中山醫學大學

Chung Shan Medical University

114 學年度入學新生應修科目及學分表

Courses and Credits for Freshmen Admitted in the 114th Academic Year

健康管理學院職業安全衛生學系

Department of Occupational Safety and Health, College of Health Care and Management

第一學年

1st Academic Year

| 科目名稱 Course Name in Chinese | 科目英文名稱 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 |
|--------------------------------|--|----------------------------|---------------------------------|--|--|---------------|
| 微積分 | Calculus | 必修 Required | 2 | 2 | 0 | |
| 職業安全衛生概論 | Introduction to Occupational Safety & Health | 必修 Required | 2 | 2 | 0 | |
| 普通物理學 | General Physics | 必修 Required | 2 | 0 | 2 | |
| 生命醫學導論 | Introduction to Life Medicine | 必修 Required | 2 | 0 | 2 | |
| 統計學(一) | Statistics(I) | 必修 Required | 2 | 0 | 2 | |
| 環境化學概論 | Introduction to Environmental Chemistry | 必修 Required | 2 | 0 | 2 | |
| 環境化學實驗 | Environmental Chemistry Experiment | 必修 Required | 1 | 0 | 1 | |
| 工業管理 | Industrial Management | 選修 Elective | 2 | 2 | 0 | |
| 電氣安全 | Electrical Safety | 選修 Elective | 2 | 2 | 0 | |
| 工業心理學 | Industrial Psychology | 選修 Elective | 2 | 2 | 0 | |
| 行業危害個論 | Industrial Hazard | 選修 Elective | 2 | 2 | 0 | |
| 職業衛生化學 | Occupational Hygiene Chemistry | 選修 Elective | 2 | 2 | 0 | |
| 職業衛生化學實驗 | Occupational Hygiene Chemistry Experiment | 選修 Elective | 1 | 1 | 0 | |
| 有機化學 | Organic Chemistry | 選修 Elective | 2 | 0 | 2 | |
| 經濟學概論 | Introduction to Economics | 選修 Elective | 2 | 0 | 2 | |
| 毒理學概論 | Introduction to Toxicology | 選修 Elective | 2 | 0 | 2 | |
| 勞動生理學 | Work Physiology | 選修 Elective | 2 | 0 | 2 | |
| 機械製造 | Machinery Manufacturing | 選修 Elective | 2 | 0 | 2 | |
| 環境衛生學 | Environmental Health | 選修 Elective | 2 | 0 | 2 | |

第 一 學 年

1stAcademic Year

| 科目名稱 Course Name in Chinese | 科目英文名稱 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 |
|---------------------------------|----------------------------------|----------------------------|---------------------------------|--|--|---------------|
| 必修學分合計Required Credits Subtotal | | | 13 | 4 | 9 | |

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|---------|------------------------------------|----------------|---|-----|-----|---|
| 多元文化與語文 | | 必修 Required | 2 | (2) | (2) | 共同教育課程 通識中心開課 Common Education Courses Provided by General Studies Center |
| 程式語言 | Programming Language | 必修 Required | 2 | 0 | 2 | 共同教育課程 通識中心開課 Common Education Courses Provided by General Studies Center |
| 大學之道 | Foundation of University Education | 必修 Required | 1 | 1 | 0 | 共同教育課程 通識中心開課 Common Education Courses Provided by General Studies Center |
| 服務學習 | Service Learning | 必修 Required | 1 | (1) | (1) | 共同教育課程 通識中心開課 Common Education Courses Provided by General Studies Center |
| 體育 | Physical Education | 必修 Required | 1 | 1 | 0 | 共同教育課程 體育中心開課 Common Education Courses Provided by Sports Center |
| 體育 | Physical Education | 必修 Required | 1 | 0 | 1 | 共同教育課程 體育中心開課 Common Education Courses Provided by Sports Center |

第 二 學 年

2nd 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 |
|--------------------------------|----------------------------------|----------------------------|---------------------------------|--|--|---------------|
| 工業安全工程 | Industrial Safety Engineering | 必修 Required | 2 | 2 | 0 | |
| 防火防爆學 | Fire and Explosion Protection | 必修 Required | 2 | 2 | 0 | |
| 工業毒物學 | Industrial Toxicology | 必修 Required | 2 | 2 | 0 | |
| 統計學(二) | Statistics(II) | 必修 Required | 2 | 2 | 0 | |

| 第 二 學 年 | | | | | | |
|----------------------------------|--|----------------------------|---------------------------------|--|--|---------------|
| 2nd 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 |
| 作業環境測定(一) | Workplace Monitoring (I) | 必修 Required | 2 | 2 | 0 | |
| 作業環境測定實驗(一) | Workplace Monitoring Laboratory(I) | 必修 Required | 1 | 1 | 0 | |
| 工業通風 | Industrial Ventilation | 必修 Required | 2 | 0 | 2 | |
| 噪音與振動 | Noise and Vibration | 必修 Required | 2 | 0 | 2 | |
| 機電防護 | Machinery and Electrical Safety | 必修 Required | 2 | 0 | 2 | |
| 熱力學 | Thermodynamics | 必修 Required | 2 | 0 | 2 | |
| 儀器分析概論 | Introduction to Instrumental Analysis | 必修 Required | 2 | 0 | 2 | |
| 作業環境測定(二) | Workplace Monitoring(II) | 必修 Required | 2 | 0 | 2 | |
| 作業環境測定實驗(二) | Workplace Monitoring Laboratory(II) | 必修 Required | 1 | 0 | 1 | |
| 流行病學 | Epidemiology | 選修 Elective | 2 | 2 | 0 | |
| 應用力學 | Applied Mechanics | 選修 Elective | 2 | 2 | 0 | |
| 職業安全綜論 | Topics on Occupational Safety | 選修 Elective | 2 | 2 | 0 | |
| 環保與生態實務體驗 | Environmental Conservation and Ecological Practical Experience | 選修 Elective | 2 | 2 | 0 | |
| 體感科技實作概論 | Introduction to Somatosensory Technology in Practice | 選修 Elective | 2 | 2 | 0 | |
| 碳足跡與淨零碳排微學分 | Carbon Footprint and Net Zero M.C. Credit Course | 選修 Elective | 1 | 1 | 0 | |
| 職業病概論 | Introduction to Occupational Disease | 選修 Elective | 2 | 0 | 2 | |
| 工程材料 | Engineering Materials | 選修 Elective | 2 | 0 | 2 | |
| 藥物學概論 | Introduction to Pharmacology | 選修 Elective | 2 | 0 | 2 | |
| 危害性化學品評估概論 | Introduction to Chemical Hazard Assessment | 選修 Elective | 2 | 0 | 2 | |
| 消防法規 | Fire Laws | 選修 Elective | 2 | 0 | 2 | |
| 產業智慧化及低碳化之方法及案例解析 | The Methods and Case Analysis of Industrial Intelligence and Low-Carbonization | 選修 Elective | 2 | 0 | 2 | |
| 綠色能源與永續發展微學分 | Green Energy and Sustainable Development M.C. Credit Course | 選修 Elective | 1 | 0 | 1 | |
| 必修學分合計 Required Credits Subtotal | | | 24 | 11 | 13 | |

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|----|--------------------|----------------|---|---|---|--|
| 體育 | Physical Education | 必修 Required | 1 | 1 | 0 | 共同教育課程 體育中心開課 Common Education Courses Provided by Sports Center |
| 體育 | Physical Education | 必修 Required | 1 | 0 | 1 | 共同教育課程 體育中心開課 Common Education Courses Provided by Sports Center |

| 第 三 學 年 3rd Academic Year | | | | | | |
|--------------------------------|---|----------------|---------------------------------|--|--|---------------|
| 科目名稱 Course Name in Chinese | 英文科目名稱 Course Name in English | 必修 Required | 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 |
| 人因工程 | Ergonomics | 必修 Required | 2 | 2 | 0 | |
| 生物偵測 | Biological Monitoring | 必修 Required | 2 | 2 | 0 | |
| 危害風險評估 | Risk Assessment on Safety | 必修 Required | 2 | 2 | 0 | |
| 儀器分析實驗 | Instrumental Analysis Laboratory | 必修 Required | 1 | 1 | 0 | |
| 專題研究(一) | Independent Study(I) | 必修 Required | 1 | 1 | 0 | |
| 職業安全衛生法規 | Occupational Safety and Health Laws | 必修 Required | 3 | 0 | 3 | |
| 健康風險評估 | Health Risk Assessment | 必修 Required | 2 | 0 | 2 | |
| 工業安全管理 | Industrial Safety Management | 必修 Required | 2 | 0 | 2 | |
| 衛生管理實務 | Health Management and Practice | 必修 Required | 2 | 0 | 2 | |
| 專題研究(二) | Independent Study (II) | 必修 Required | 1 | 0 | 1 | |
| 毒理學 | Toxicology | 選修 Elective | 2 | 2 | 0 | |
| 暴露評估 | Exposure Assessment | 選修 Elective | 2 | 2 | 0 | |
| 消防安全設備概論 | Introduction to Fire Equipment | 選修 Elective | 2 | 2 | 0 | |
| 人力資源管理概論 | Introduction to Human Resource Management | 選修 Elective | 2 | 2 | 0 | |
| 氣膠學 | Aerosol Technology | 選修 Elective | 2 | 0 | 2 | |
| 營建安全 | Construction Safety | 選修 Elective | 2 | 0 | 2 | |
| 個人防護具 | Personal Protective Equipment | 選修 Elective | 2 | 0 | 2 | |

| 第 三 學 年 3rd Academic Year | | | | | | |
|----------------------------------|--|---------------------------------|---------------------------------|--|--|---------------|
| 科目名稱 Course Name in Chinese | 英文科目名稱 Course Name in English | 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 |
| 消防安全工程設計 | Fire Safety Engineering Design | 選修 Elective | 2 | 0 | 2 | |
| 職業安全專業證照與實作 | Occupational Safety Professional License and Implementation | 選修 Elective | 2 | 0 | 2 | |
| 職業安全衛生體感教材應用實務 | Application Practice of Occupational Safety and Health Somatosensory Training System | 選修 Elective | 2 | 0 | 2 | |
| 生物偵測實驗 | Biological Monitoring Laboratory | 選修 Elective | 1 | 0 | 1 | |
| 企業的數位轉型與管理 | Enterprise Digital Transformation and Management | 選修 Elective | 2 | 0 | 2 | |
| 職業衛生護理與職安人員的關係 | The Relationship Between Occupational Health Nursing and Occupational Safety Personnel | 選修 Elective | 2 | 0 | 2 | |
| 必修學分合計 Required Credits Subtotal | | | 18 | 8 | 10 | |

| 第 四 學 年 4th Academic Year | | | | | | |
|--|---|---------------------------------|---------------------------------|--|--|---------------|
| 科目名稱 Course Name in Chinese | 英文科目名稱 Course Name in English | 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 |
| 安全衛生實務實習 | Practicum in Occupational Safety and Health | 必修 Required | 4 | 4 | 0 | |
| 作業環境控制工程 | Workplace Environmental Control Engineering | 必修 Required | 2 | 2 | 0 | |
| 廠礦安全與評鑑實務 | Industry Safety and Evaluation Practice | 必修 Required | 2 | 2 | 0 | |
| 安全衛生書報討論 | Occupational Safety and Health Seminar | 必修 Required | 1 | 1 | 0 | |
| 專題研究（三） | Independent Study (III) | 必修 Required | 1 | 1 | 0 | |
| 危險性機械設備安全 | The Safety of High Risk Machinery and Equipment | 必修 Required | 2 | 2 | 0 | |
| 有害物質管理策略 | Hazardous Materials Management Strategy | 必修 Required | 2 | 0 | 2 | |
| 專題研究(四) | Independent Study (IV) | 必修 Required | 1 | 0 | 1 | |
| 輻射安全 | Radiation Safety | 選修 Elective | 2 | 2 | 0 | |
| 職業衛生專業證照與實作 | Occupational Health Professional License and Implementation | 選修 Elective | 2 | 0 | 2 | |
| 必修學分合計 Required Credits Subtotal | | | 15 | 10 | 5 | |
| 最低畢業學分數 128 學分，必修 70 學分，通識 20 學分，體育 4 學分，選修 34 學分 Minimum graduation credits: 128 credits, compulsory 70 credits, general education 20 credits, physical education 4 credits, elective 34 credits | | | | | | |

說明Instructions：

| | |
|----|--|
| 1. | <p>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」、「程式語言」、「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。</p> <p>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," "Programming Languages," "Foundation of University Education," and "Service Learning."</p> <p>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.</p> <p>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."</p> |
| 2. | <p>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，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。</p> <p>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 Intermediate Level. 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.</p> |
| 3. | <p>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。</p> <p>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.</p> |

第 四 學 年

4th Academic Year

| 第 四 學 年 4th Academic Year | | | | | | |
|--------------------------------|---|---------------------------------|---------------------------------|--|--|---------------|
| 科目名稱 Course Name in Chinese | 英文科目名稱 Course Name in English | 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 |
| 4. | <p>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。</p> <p>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.</p> | | | | | |
| 5. | <p>跨域微學程認列之科目於下列情況不可重複認列學分數：1、其他跨域微學程之科目。2、學生主系之科目(包含必修、選修、專業選修)及通識課程。</p> <p>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.</p> | | | | | |
| 6. | <p>系選修至少須滿 28 學分，方可畢業。</p> <p>Department electives must complete at least 28 credits before graduation.</p> | | | | | |

中山醫學大學

Chung Shan Medical University

114 學年度入學新生應修科目及學分表

Courses and Credits for Freshmen Admitted in the 113th Academic Year

健康管理學院醫學應用化學系

Department of Medical Applied Chemistry, College of Health Care and Management

| 第 一 學 年 | | | | | | |
|--------------------------------|--|----------------------------|---------------------------------|--|--|---------------|
| 1 st Academic Year | | | | | | |
| 科目名稱 Course Name in Chinese | 科目英文名稱 Course Name in English | 必修 Required Elective | 合計 學分 Credits Subtotal | 第一 學期 1 st Semest er Credits | 第二 學期 2 nd Semester Credits | 備註 Remarks |
| 普通化學 | General Chemistry | 必修 Required | 4 | 4 | 0 | |
| 普通生物學 | General Biology | 必修 Required | 2 | 2 | 0 | |
| 微積分(一) | Calculus(I) | 必修 Required | 2 | 2 | 0 | |
| 普通化學實驗 | General Chemistry Laboratory | 必修 Required | 1 | 1 | 0 | |
| 分析化學(一) | Analytical Chemistry(I) | 必修 Required | 3 | 0 | 3 | |
| 普通物理學 | General Physics | 必修 Required | 2 | 0 | 2 | |
| 健康醫學概論 | Introduction to Health Medicine | 必修 Required | 2 | 0 | 2 | |
| 分析化學實驗(一) | Analytical Chemistry Laboratory (I) | 必修 Required | 1 | 0 | 1 | |
| 微積分(二) | Calculus(II) | 必修 Required | 1 | 0 | 1 | |
| 生物技術概論 | Introduction to Biotechnology | 選修 Elective | 2 | 2 | 0 | |
| 3D 列印：積層製造技術與應用 | 3D Printing, Additive Manufacturing | 選修 Elective | 2 | 2 | 0 | |
| 普通物理學實驗 | General Physics Laboratory | 選修 Elective | 1 | 1 | 0 | |
| 永續發展探索 | Exploration of Sustainability | 選修 Elective | 1 | 1 | 0 | |
| 檢測應用 | Detection Application | 選修 Elective | 1 | 1 | 0 | |
| 生物統計學 | Biostatistics | 選修 Elective | 2 | 0 | 2 | |
| 環境化學 | Environmental Chemistry | 選修 Elective | 2 | 0 | 2 | |
| 光電材料概論 | Introduction to Electro-optic Material | 選修 Elective | 2 | 0 | 2 | |
| 化妝品調製學 | Cosmetic Manufacture | 選修 Elective | 2 | 0 | 2 | |
| 應用化學導論 | Introduction to Applied Chemistry | 選修 Elective | 2 | 0 | 2 | |

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|----------------------------------|--|----------------|----|---|---|--|
| 普通生物學實驗 | General Biology Laboratory | 選修 Elective | 1 | 0 | 1 | |
| 化學與生物感測技術導論 | Introduction to Chemo-and Biosensors Technology | 選修 Elective | 1 | 0 | 1 | |
| 醫學與應用化學 | Medicine and Applied Chemistry | 選修 Elective | 1 | 0 | 1 | |
| 化學醫藥品之智慧財產保護概論 | Introduction to Intellectual Property Protection of Chemical Pharmaceuticals | 選修 Elective | 1 | 0 | 1 | |
| 科學加工 | Scientific Processing | 選修 Elective | 1 | 0 | 1 | |
| 必修學分合計 Required Credits Subtotal | | | 18 | 9 | 9 | |

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|---------|------------------------------------|----------------|---|-----|-----|---|
| 多元文化與語文 | | 必修 Required | 2 | (2) | (2) | |
| 程式語言 | Programming Language | 必修 Required | 2 | 0 | 2 | 共同教育課程 通識中心開課 Common Education Courses Provided by General Studies Center |
| 大學之道 | Foundation of University Education | 必修 Required | 1 | 1 | 0 | 共同教育課程 通識中心開課 Common Education Courses Provided by General Studies Center |
| 服務學習 | Service Learning | 必修 Required | 1 | (1) | (1) | 共同教育課程 通識中心開課 Common Education Courses Provided by General Studies Center |
| 體育 | Physical Education | 必修 Required | 1 | 1 | 0 | 共同教育課程 體育中心開課 Common Education Courses Provided by Sports Center |
| 體育 | Physical Education | 必修 Required | 1 | 0 | 1 | 共同教育課程 體育中心開課 Common Education Courses Provided by Sports Center |

第 二 學 年

2nd Academic Year

| 科目名稱 Course Name in Chinese | 英文科目名稱 Course Name in English | 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 |
|----------------------------------|--|------------------------------|-----------------------------|--|--|---------------|
| 有機化學(一) | Organic Chemistry (I) | 必修 Required | 3 | 3 | 0 | |
| 分析化學(二) | Analytical Chemistry (II) | 必修 Required | 3 | 3 | 0 | |
| 生物化學(一) | Biochemistry(I) | 必修 Required | 2 | 2 | 0 | |
| 分析化學實驗(二) | Analytical Chemistry Laboratory (II) | 必修 Required | 1 | 1 | 0 | |
| 有機化學實驗(一) | Organic Chemistry Laboratory (I) | 必修 Required | 1 | 1 | 0 | |
| 有機化學(二) | Organic Chemistry (II) | 必修 Required | 3 | 0 | 3 | |
| 無機化學(一) | Inorganic Chemistry (I) | 必修 Required | 3 | 0 | 3 | |
| 生物化學(二) | Biochemistry(II) | 必修 Required | 2 | 0 | 2 | |
| 儀器分析(一) | Principles of Instrumental Analysis(I) | 必修 Required | 2 | 0 | 2 | |
| 藥妝品學 | Cosmeceuticals | 必修 Required | 2 | 0 | 2 | |
| 有機化學實驗(二) | Organic Chemistry Laboratory (II) | 必修 Required | 1 | 0 | 1 | |
| 儀器分析實驗(一) | Instrumental Analysis Laboratory(I) | 必修 Required | 1 | 0 | 1 | |
| 藥物學 | Materia Medica | 選修 Elective | 2 | 2 | 0 | |
| 科技英文與數位工具應用實務 | Digital Tools and Practice for Learning Scientific English | 選修 Elective | 2 | 2 | 0 | |
| 特用化學品 | Specialty Chemicals | 選修 Elective | 2 | 2 | 0 | |
| 奈米科技概論 | Introduction to Nanotechnology | 選修 Elective | 2 | 2 | 0 | |
| 芳香療法 | Aromatherapy | 選修 Elective | 2 | 2 | 0 | |
| 醫用材料化學概論 | Introduction to Medical materials Chemistry | 選修 Elective | 3 | 0 | 3 | |
| 綠色化學 | Green Chemistry | 選修 Elective | 2 | 0 | 2 | |
| 生醫材料導論 | Introduction to Biomaterials | 選修 Elective | 2 | 0 | 2 | |
| 醫藥高分子化學 | Medical Polymer Chemistry | 選修 Elective | 2 | 0 | 2 | |
| 必修學分合計 Required Credits Subtotal | | | 24 | 10 | 14 | |

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|----|--------------------|----------------|---|---|---|--|
| 體育 | Physical Education | 必修 Required | 1 | 1 | 0 | 共同教育課程 體育中心開課 Common Education Courses Provided by Sports Center |
| 體育 | Physical Education | 必修 Required | 1 | 0 | 1 | 共同教育課程 體育中心開課 Common Education Courses Provided by Sports Center |

| 第 三 學 年 3rd Academic Year | | | | | | |
|--------------------------------|---|------------------------------|-----------------------------|--|--|---------------|
| 科目名稱 Course Name in Chinese | 英文科目名稱 Course Name in English | 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 |
| 物理化學(一) | Physical Chemistry(I) | 必修 Required | 3 | 3 | 0 | |
| 無機化學(二) | Inorganic Chemistry(II) | 必修 Required | 3 | 3 | 0 | |
| 醫藥品設計與合成 | Drug Design and Synthesis | 必修 Required | 2 | 2 | 0 | |
| 書報討論(一) | Discussion in Literature (I) | 必修 Required | 1 | 1 | 0 | |
| 物理化學實驗(一) | Physical Chemistry Laboratory(I) | 必修 Required | 1 | 1 | 0 | |
| 物理化學(二) | Physical Chemistry(II) | 必修 Required | 3 | 0 | 3 | |
| 藥物化學 | Medicinal Chemistry | 必修 Required | 2 | 0 | 2 | |
| 書報討論(二) | Discussion in Literature (II) | 必修 Required | 1 | 0 | 1 | |
| 儀器分析(二) | Principles of Instrumental Analysis(II) | 選修 Elective | 2 | 2 | 0 | |
| 有機光譜 | Spectroscopy for Organic Chemistry | 選修 Elective | 2 | 2 | 0 | |
| 專題研究(一) | Independent Study(I) | 選修 Elective | 2 | 2 | 0 | |
| 保健科技學 | Introduction to Health Science | 選修 Elective | 2 | 2 | 0 | |
| 藥物與化妝品分析 | Pharmaceutical and Cosmetic Analysis | 選修 Elective | 2 | 2 | 0 | |
| 醣化學 | Introduction of Carbohydrate Chemistry | 選修 Elective | 2 | 2 | 0 | |
| 儀器分析實驗(二) | Instrumental Analysis Laboratory(II) | 選修 Elective | 1 | 1 | 0 | |
| 專題研究(二) | Independent Study (II) | 選修 Elective | 2 | 0 | 2 | |
| 專案管理 | Project Management | 選修 Elective | 2 | 0 | 2 | |
| 生物質譜學 | Biological Mass Spectrometry | 選修 Elective | 2 | 0 | 2 | |

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|---------------------------------|---|----------------|----|----|---|--|
| 有機合成 | Organic Synthesis | 選修 Elective | 2 | 0 | 2 | |
| 材料分析 | Material Analysis | 選修 Elective | 2 | 0 | 2 | |
| 醫藥無機化學概論 | Introduction to Medicinal Inorganic Chemistry | 選修 Elective | 2 | 0 | 2 | |
| 美容藥物學 | Cosmetic Pharmacology | 選修 Elective | 2 | 0 | 2 | |
| 有機人名反應與應用 | Organic Name Reactions and Applications | 選修 Elective | 2 | 0 | 2 | |
| 配位化學 | Coordination Chemistry | 選修 Elective | 2 | 0 | 2 | |
| 製藥技術 | Pharmaceutical Technology | 選修 Elective | 2 | 0 | 2 | |
| 臨床生醫材料 | Clinical Biomedical Materials | 選修 Elective | 2 | 0 | 2 | |
| 有機化學特論 | Special Topics in Organic Chemistry | 選修 Elective | 1 | 0 | 1 | |
| 核醫藥物暨放射化學概論 | Introduction to Radiochemistry and Nuclear Pharmacy | 選修 Elective | 1 | 0 | 1 | |
| 物理化學實驗(二) | Physical Chemistry Laboratory(II) | 選修 Elective | 1 | 0 | 1 | |
| 人工智慧與有機化學 | Artificial Intelligence in Organic Chemistry | 選修 Elective | 1 | 0 | 1 | |
| 必修學分合計Required Credits Subtotal | | | 16 | 10 | 6 | |

| 第 四 學 年 4th Academic Year | | | | | | |
|---------------------------------|--|---------------------------------|--------------------------|------------------------------|------------------------------|---------------|
| 科目名稱 Course Name in Chinese | 英文科目名稱 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 | 備註 Remarks |
| 書報討論(三) | Discussion in Literature(III) | 必修 Required | 1 | 1 | 0 | |
| 書報討論(四) | Discussion in Literature(IV) | 必修 Required | 1 | 0 | 1 | |
| 無機化學特論 | Special Topics in Inorganic Chemistry | 選修 Elective | 2 | 2 | 0 | |
| 專題研究 (三) | Independent Study (III) | 選修 Elective | 2 | 2 | 0 | |
| 有機金屬化學 | Organometallics | 選修 Elective | 2 | 2 | 0 | |
| 醫藥化學實習 | Practicum Courses in Medicinal Chemistry | 選修 Elective | 2 | 2 | 0 | |
| 深度學習在化學上的應用 | Deep Learning in Chemistry | 選修 Elective | 2 | 2 | 0 | |
| 化學產業發展 | Development of Chemical Industries | 選修 Elective | 2 | 0 | 2 | |
| 專題研究(四) | Independent Study (IV) | 選修 Elective | 2 | 0 | 2 | |
| 生物無機化學導論 | Introduction to Bioinorganic Chemistry | 選修 Elective | 2 | 0 | 2 | |
| 必修學分合計Required Credits Subtotal | | | 2 | 1 | 1 | |

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| <p>最低畢業學分數 128 學分，必修 60 學分，通識 20 學分，體育 4 學分，選修 44 學分</p> <p>Minimum graduation credits: 128 credits, compulsory 60 credits, general education 20 credits, physical education 4 credits, elective 44 credits</p> | |
| 說明Instructions： | |
| 1 | <p>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」、「程式語言」、「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。</p> <p>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:</p> <p>Fundamental General Education Courses: These are mandatory and total 6 credits. They include courses such as "Multiculturalism and Languages," "Programming Languages," "Foundation of University Education," and "Service Learning."</p> <p>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.</p> <p>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."</p> |
| 2 | <p>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，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。</p> <p>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. 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.</p> |
| 3 | <p>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。</p> <p>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.</p> |
| 4 | <p>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。</p> <p>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.</p> |
| 5 | <p>跨域微學程認列之科目於下列情況不可重複認列學分數：1、其他跨域微學程之科目。2、學生主系之科目(包含必修、選修、專業選修)及通識課程。</p> <p>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.</p> |

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|---|---|
| 6 | <p>系選修至少須滿 20 學分，方可畢業。</p> <p>Students need to complete at least 20 credits of specialized elective courses offered by their department in order to graduate.</p> |
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中山醫學大學

Chung Shan Medical University

114 學年度入學新生應修科目及學分表

Courses and Credits for Freshmen Admitted in the 114th Academic Year

健康管理學院健康產業科技管理學系

Department of Health Industry Technology Management, College of Health Care and Management

| 第一學年 1 st 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 |
| 營養學 | Nutrition | 必修 Required | 2 | 2 | 0 | |
| 健康經濟學 | Health Economics | 必修 Required | 2 | 2 | 0 | |
| 餐飲管理 | Food and Beverage Management | 必修 Required | 2 | 2 | 0 | |
| 食品微生物學 | Food Microbiology | 必修 Required | 2 | 2 | 0 | |
| 營養學實務概論 | Introduction to Nutrition Practice | 必修 Required | 2 | 2 | 0 | |
| 食品微生物學實驗 | Food Microbiology Laboratory | 必修 Required | 1 | 1 | 0 | |
| 食物製備原理 | Principles of Food Preparation | 必修 Required | 2 | 0 | 2 | |
| 管理學 | Management | 必修 Required | 2 | 0 | 2 | |
| 統計學 | Statistics | 必修 Required | 2 | 0 | 2 | |
| 食物製備創新與管理 | Food Preparation Innovation and Management | 必修 Required | 2 | 0 | 2 | |
| 食品良好衛生規範準則 | The Regulations on Good Hygiene Practice for Food | 必修 Required | 2 | 0 | 2 | |
| 保健食品開發概論 | Introduction to Health Food Development | 必修 Required | 2 | 0 | 2 | |
| 食品科技概論 | Introduction to Food Science | 選修 Elective | 2 | 2 | 0 | Professional Electives |
| 食品產業概論 | Introduction to Food Industrials | 選修 Elective | 2 | 2 | 0 | Professional Electives |
| 健康飲食產業概覽 | Overview of the Healthy Eating Industry | 選修 Elective | 2 | 2 | 0 | |
| 生物學基礎觀念 | Essential of Biology | 選修 Elective | 2 | 0 | 2 | |
| 微生物免疫學與保健概論 | Introduction to Microbiology and Immunity for Health Care | 選修 Elective | 2 | 0 | 2 | |
| 健康烘焙學 | The Science of Healthy Baking | 選修 Elective | 2 | 0 | 2 | Professional Electives |
| 專題研究(一) | Independent Study(I) | 選修 Elective | 1 | 0 | 1 | |

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 | 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 |
|---------------------------------|--|----------------|---------------------------------|--|--|------------------------|
| 健康烘焙學實驗 | The Science of Healthy Baking Laboratory | 選修 Elective | 1 | 0 | 1 | Professional Electives |
| 必修學分合計Required Credits Subtotal | | | 23 | 11 | 12 | |

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|---------|------------------------------------|----------------|---|-----|-----|---|
| 多元文化與語文 | | 必修 Required | 2 | (2) | (2) | 共同教育課程 通識中心開課 Common Education Courses Provided by General Studies Center |
| 程式語言 | Programming Language | 必修 Required | 2 | 0 | 2 | 共同教育課程 通識中心開課 Common Education Courses Provided by General Studies Center |
| 大學之道 | Foundation of University Education | 必修 Required | 1 | 1 | 0 | 共同教育課程 通識中心開課 Common Education Courses Provided by General Studies Center |
| 服務學習 | Service Learning | 必修 Required | 1 | (1) | (1) | 共同教育課程 通識中心開課 Common Education Courses Provided by General Studies Center |
| 體育 | Physical Education | 必修 Required | 1 | 1 | 0 | 共同教育課程 體育中心開課 Common Education Courses Provided by Sports Center |
| 體育 | Physical Education | 必修 Required | 1 | 0 | 1 | 共同教育課程 體育中心開課 Common Education Courses Provided by Sports Center |

第 二 學 年

2nd Academic Year

| 科目名稱 Course Name in Chinese | 英文科目名稱 Course Name in English | 必修 Required | 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 |
|--------------------------------|--|----------------|---------------------------------|--|--|---------------|
| 會計學 | Accounting | 必修 Required | 2 | 2 | 0 | |
| 健康食品學 | Health Food Science | 必修 Required | 2 | 2 | 0 | |
| 基礎中餐烹調與管理 | Basic Chinese Cuisine Preparation and Management | 必修 Required | 2 | 2 | 0 | |

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|----------------------------------|---|----------------|----|----|----|------------------------|
| 食品衛生安全 | Food Sanitation and Safety | 必修 Required | 2 | 2 | 0 | |
| 食品生物化學 | Food Biochemistry | 必修 Required | 2 | 2 | 0 | |
| 基礎中餐烹調與管理實驗 | Basic Chinese Cuisine Preparation and Management Laboratory | 必修 Required | 1 | 1 | 0 | |
| 人力資源管理 | Human Resource Management | 必修 Required | 2 | 0 | 2 | |
| 食品化學 | Food Chemistry | 必修 Required | 2 | 0 | 2 | |
| 行銷學 | Marketing | 必修 Required | 2 | 0 | 2 | |
| 食品分析 | Food Analysis | 必修 Required | 2 | 0 | 2 | |
| 食品加工學 | Food Processing | 必修 Required | 2 | 0 | 2 | |
| 營養生化學 | Nutritional Biochemistry | 必修 Required | 2 | 0 | 2 | |
| 食品分析實驗 | Food Analysis Laboratory | 必修 Required | 1 | 0 | 1 | |
| 會議暨獎勵旅遊 | Meeting, Conference, and Incentives | 選修 Elective | 2 | 2 | 0 | |
| 永續觀光與地方創生 | Sustainable Tourism and Regional Revitalization | 選修 Elective | 2 | 2 | 0 | |
| 茶葉與身心保健 | Tea and Health Care | 選修 Elective | 2 | 2 | 0 | |
| 衛生法規 | Hygiene Regulations | 選修 Elective | 2 | 2 | 0 | Professional Electives |
| 專題研究(二) | Independent Study (II) | 選修 Elective | 1 | 1 | 0 | |
| 生命期營養學 | Nutrition Throughout the Life Span | 選修 Elective | 2 | 0 | 2 | Professional Electives |
| 電子商務 | E-Commerce | 選修 Elective | 2 | 0 | 2 | |
| 飲食教育推展實務 | Diet Education Promote Practice | 選修 Elective | 2 | 0 | 2 | |
| 食品營養基因體學 | Molecular Nutraceutical | 選修 Elective | 2 | 0 | 2 | |
| 食品品質概論 | Introduction of Food Quality Assurance | 選修 Elective | 2 | 0 | 2 | Professional Electives |
| 專題研究(三) | Independent Study (III) | 選修 Elective | 1 | 0 | 1 | |
| 必修學分合計 Required Credits Subtotal | | | 24 | 11 | 13 | |

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|----|--------------------|----------------|---|---|---|--|
| 體育 | Physical Education | 必修 Required | 1 | 1 | 0 | 共同教育課程 體育中心開課 Common Education Courses Provided by Sports Center |
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|----|--------------------|----------------|---|---|---|--|
| 體育 | Physical Education | 必修 Required | 1 | 0 | 1 | 共同教育課程 體育中心開課 Common Education Courses Provided by Sports Center |
|----|--------------------|----------------|---|---|---|--|

| 第 三 學 年 3rd 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 |
| 財務管理 | Financial Management | 必修 Required | 2 | 2 | 0 | |
| 食品冷凍學 | Frozen Food | 必修 Required | 2 | 2 | 0 | |
| 創新與創業管理 | Innovation and Entrepreneur-ship Management | 必修 Required | 2 | 2 | 0 | |
| 食品衛生安全實驗 | Food Sanitation and Safety Laboratory | 必修 Required | 1 | 1 | 0 | |
| 食品安全管制系統 | Food Safety Control System | 必修 Required | 2 | 2 | 0 | |
| 健康促進與疾病預防 | Health Promotion and Disease Prevention | 必修 Required | 3 | 3 | 0 | |
| 團體膳食設計 | Quantity Food Preparation and Management | 必修 Required | 2 | 0 | 2 | |
| 會展規劃與管理 | Exhibition Planning and Management | 必修 Required | 2 | 0 | 2 | |
| 健康產業專案報告 | Seminar in Health Industry | 必修 Required | 2 | 0 | 2 | |
| 食品加工學實驗 | Food Processing Laboratory | 必修 Required | 1 | 0 | 1 | |
| 食品與保健醫學 | Food and Health Medicine | 必修 Required | 2 | 0 | 2 | |
| 組織行為 | Organizational Behavior | 選修 Elective | 2 | 2 | 0 | Professional Electives |
| 膳食療養學 | Nutrition and Diet Therapy | 選修 Elective | 2 | 2 | 0 | Professional Electives |
| 宴會實務與管理 | Banquet Practice and Management | 選修 Elective | 2 | 2 | 0 | |
| 健康飲食產業實務 | Healthy Diet Industry Practice | 選修 Elective | 2 | 2 | 0 | |
| 專題研究(四) | Independent Study (IV) | 選修 Elective | 1 | 1 | 0 | |
| 消費者行為 | Consumer Behavior | 選修 Elective | 2 | 0 | 2 | |
| 採購與成本控制 | Purchasing and Cost Control | 選修 Elective | 2 | 0 | 2 | |
| 食品添加物 | Food Additives | 選修 Elective | 2 | 0 | 2 | Professional Electives |
| 健康促進 | Health Promotion | 選修 Elective | 1 | 0 | 1 | |
| 必修學分合計 Required Credits Subtotal | | | 21 | 12 | 9 | |

| 第 四 學 年 4th Academic Year | | | | | | |
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| 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 |
| 健康產業科技書報討論 | Seminar in the Health Industry Technology | 必修 Required | 2 | 2 | 0 | |
| 健康產業管理實習 | Practicum in Health Industry Management | 必修 Required | 2 | 2 | 0 | |
| 健康產業科技專題講座 | Special Lecture on the Career Planning of Health Industry Technology | 必修 Required | 2 | 0 | 2 | |
| 生藥膳療學 | Diet of Herbal Pharmacy | 選修 Elective | 2 | 2 | 0 | |
| 飲料實務與管理 | Beverage Management | 選修 Elective | 2 | 2 | 0 | |
| 食品感官評估 | Food Sensory Evaluation | 選修 Elective | 2 | 2 | 0 | Professional Electives |
| 健康產業規劃與投資 | Health Industry Planning and Investment | 選修 Elective | 2 | 2 | 0 | Professional Electives |
| 飲料實務與管理實驗 | Beverage Management Laboratory | 選修 Elective | 1 | 1 | 0 | |
| 食品技師攻略 | Food Professional Technologist Guide | 選修 Elective | 3 | 0 | 3 | Professional Electives |
| 會議溝通技巧 | Conference Communication Skills | 選修 Elective | 2 | 0 | 2 | |
| 食品產業病媒防治概論 | Introduction to Food Industry Pest Control | 選修 Elective | 2 | 0 | 2 | Professional Electives |
| 大數據分析應用 | Big Data Analytics and Applications | 選修 Elective | 2 | 0 | 2 | Professional Electives |
| 臨床試驗 | Clinical Trials | 選修 Elective | 2 | 0 | 2 | |
| 健康產業投資分析 | Health Industry Investment Analysis | 選修 Elective | 2 | 0 | 2 | |
| 必修學分合計Required Credits Subtotal | | | 6 | 4 | 2 | |
| 最低畢業學分數 128 學分，必修 74 學分，通識 20 學分，體育 4 學分，選修 30 學分 Minimum graduation credits: 128 credits, compulsory 74 credits, general education 20 credits, physical education 4 credits, elective 30 credits | | | | | | |
| 說明Instructions： | | | | | | |

| 第 四 學 年 4th Academic Year | | | | | | |
|--------------------------------|---|---------------------------------|---------------------------------|--|--|---------------|
| 科目名稱 Course Name in Chinese | 英文科目名稱 Course Name in English | 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 |
| 1. | <p>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」、「程式語言」、「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。</p> <p>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:</p> <p>Fundamental General Education Courses: These are mandatory and total 6 credits. They include courses such as "Multiculturalism and Languages," "Programming Languages," "Foundation of University Education," and "Service Learning."</p> <p>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.</p> <p>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."</p> | | | | | |
| 2. | <p>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，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。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 Intermediate Level. 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.</p> | | | | | |
| 3. | <p>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。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.</p> | | | | | |
| 4. | <p>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。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.</p> | | | | | |
| 5. | <p>跨域微學程認列之科目於下列情況不可重複認列學分數：1、其他跨域微學程之科目。2、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.</p> | | | | | |

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| 6. | <p>修業期間，學生需參加過一項證照考試(參考教育部公告之各中央目的事業主管機關核發、委託、認證或認可證照一覽表)，始可畢業。如有特殊情況則得經系務會議決議之。</p> <p>Students must participate in at least one certification exam (refer to the list of certifications issued, commissioned, certified, or recognized by the various central authorities as announced by the Ministry of Education) to graduate. Exceptions may be made in special circumstances should be approved by the Department Affairs Committee.</p> |
| 7. | <p>系專業選修至少須修滿 17 學分，始可畢業。</p> <p>Students are required to complete at least 17 professional elective credits to graduate.</p> |

中山醫學大學

Chung Shan Medical University

114 學年度入學新生應修科目及學分表

Courses and Credits for Freshmen Admitted in the 114th Academic Year

健康管理學院醫學資訊學系

Department of Medical Informatics, 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 | 合計 學分 Credits Subtotal | 第一 學期 Credits | 第二 學期 Credits | 備註 Remarks |
|----------------------------------|---|----------------|---------------------------------|---------------------|---------------------|---------------|
| 醫學資訊概論 | Introduction to Medical Information | 必修 Required | 3 | 3 | 0 | |
| 微積分 | Calculus | 必修 Required | 4 | 2 | 2 | |
| 管理學 | Management | 必修 Required | 2 | 2 | 0 | |
| 物件導向程式設計(一) | Object-Oriented Programming (I) | 必修 Required | 3 | 0 | 3 | |
| 計算機組織與結構 | Computer Architecture and Organization | 必修 Required | 3 | 0 | 3 | |
| 醫務管理概論 | Introduction to Health Care Management | 必修 Required | 2 | 0 | 2 | |
| 線性代數 | Linear Algebra | 必修 Required | 2 | 0 | 2 | |
| C 語言 | C Language | 選修 Elective | 3 | 3 | 0 | |
| 管理數學 | Management Mathematics | 選修 Elective | 2 | 2 | 0 | |
| 健康資訊輔具概論 | Introduction to Intelligent Assistive Devices | 選修 Elective | 2 | 2 | 0 | |
| 醫療數位孿生概論 | Introduction to Digital Twins in Medicine | 選修 Elective | 2 | 2 | 0 | |
| MATLAB 程式設計 | MATLAB Programming | 選修 Elective | 3 | 0 | 3 | |
| .NET 程式設計 | .NET Programming | 選修 Elective | 3 | 0 | 3 | |
| 智慧醫療概論 | Introduction to Artificial Intelligence in Healthcare | 選修 Elective | 3 | 0 | 3 | |
| 影像醫學 | Imaging Medicine | 選修 Elective | 2 | 0 | 2 | |
| 國際醫療與資訊實務 | Medical Tourism Information and Practice | 選修 Elective | 2 | 0 | 2 | |
| 疾病與診斷概論 | Introduction to Diseases and Diagnoses | 選修 Elective | 2 | 0 | 2 | |
| 健康大數據概論 | Introduction to Health Big Data | 選修 Elective | 2 | 0 | 2 | |
| 必修學分合計 Required Credits Subtotal | | | 19 | 7 | 12 | |

第 一 學 年

1stAcademic Year

| 科目名稱 Course Name in Chinese | 英文科目名稱 Course Name in English | 必選 修 Required Elective | 合計 學分 Credits Subtotal | 第一 學期 Semester Credits | 第二 學期 Semester Credits | 備註 Remarks |
|--------------------------------|------------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---|
| 多元文化與語文 | | 必修 Required | 2 | (2) | (2) | 共同教育課程 通識中心開課 Common Education Courses Provided by General Studies Center |
| 大學之道 | Foundation of University Education | 必修 Required | 1 | 1 | 0 | 共同教育課程 通識中心開課 Common Education Courses Provided by General Studies Center |
| 服務學習 | Service Learning | 必修 Required | 1 | (1) | (1) | 共同教育課程 通識中心開課 Common Education Courses Provided by General Studies Center |
| 體育 | Physical Education | 必修 Required | 1 | 1 | 0 | 共同教育課程 體育中心開課 Common Education Courses Provided by Sports Center |
| 體育 | Physical Education | 必修 Required | 1 | 0 | 1 | 共同教育課程 體育中心開課 Common Education Courses Provided by Sports Center |

| 第 二 學 年 2nd 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 Semester Credits | 第二 學期 Semester Credits | 備註 Remarks |
| 機率與統計 | Probability and Statistics | 必修 Required | 3 | 3 | 0 | |
| 資料結構 | Data Structure | 必修 Required | 3 | 3 | 0 | |
| 臨床醫學網路暨資訊安全 | Network and Information Security in Clinical Medicine | 必修 Required | 3 | 3 | 0 | |
| 健康雲與大數據 | Health Cloud and Big Data | 必修 Required | 2 | 2 | 0 | |
| 作業系統 | Operating Systems | 必修 Required | 3 | 0 | 3 | |
| 資料庫系統 | Database System Analysis and Design | 必修 Required | 3 | 0 | 3 | |
| 研究方法與生醫資料分析 | Research Methods and Biomedical Data Analysis | 必修 Required | 3 | 0 | 3 | |
| 醫用程式語言 | Programming Language for Hospital | 必修 Required | 3 | 0 | 3 | |
| 物件導向程式設計(二) | Objected-Oriented Programming (II) | 選修 Elective | 3 | 3 | 0 | |
| 離散數學 | Discrete Mathematics | 選修 Elective | 3 | 3 | 0 | |
| 影像處理概論 | Introduction to Image Processing | 選修 Elective | 3 | 3 | 0 | |
| 生醫訊號處理概論 | Introduction to Biomedical Signal Processing | 選修 Elective | 3 | 3 | 0 | |
| Python 程式設計 | Python Programming | 選修 Elective | 3 | 3 | 0 | |
| Power BI 資料視覺化 | Power BI Data Visualization | 選修 Elective | 2 | 2 | 0 | |
| 醫學影像處理 | Medical Image Processing | 選修 Elective | 3 | 0 | 3 | |
| 演算法 | Design and Analysis of Algorithms | 選修 Elective | 3 | 0 | 3 | |
| 互動式醫療電子商務 | E-Commerce in Interactive Medicine | 選修 Elective | 3 | 0 | 3 | |
| 物件導向程式習作 | Practice in Object-Oriented Programming | 選修 Elective | 3 | 0 | 3 | |
| R 語言 | R Language | 選修 Elective | 2 | 0 | 2 | |
| 專題研究(一) | Independent Study(I) | 選修 Elective | 1 | 0 | 1 | |
| 人工智慧概論 | Introduction to Artificial Intelligence | 選修 Elective | 3 | 0 | 3 | |
| 必修學分合計 Required Credits Subtotal | | | 23 | 11 | 12 | |
| 體育 | Physical Education | 必修 Required | 1 | 1 | 0 | 共同教育課程 體育中心開課 Common Education Courses Provided by Sports Center |

| 第 二 學 年 2nd 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 Semester Credits | 第二 學期 Semester Credits | 備註 Remarks |
| 體育 | Physical Education | 必修 Required | 1 | 0 | 1 | 共同教育課程 體育中心開課 Common Education Courses Provided by Sports Center |
| 第 三 學 年 3rd 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 Semester Credits | 第二 學期 Semester Credits | 備註 Remarks |
| 資料庫管理系統 | Database Management System | 必修 Required | 3 | 3 | 0 | |
| 醫用資訊系統分析與設計 | Medical Information System Analysis and Design | 必修 Required | 3 | 3 | 0 | |
| 管理資訊系統 | Management Information Systems | 必修 Required | 2 | 2 | 0 | |
| 實習 | Internship | 必修 Required | 4 | 0 | 4 | |
| 醫用行動軟體設計 | Mobile APP Design in Medical Application | 必修 Required | 3 | 0 | 3 | |
| 醫療資訊管理 | Medical Information Management | 必修 Required | 2 | 0 | 2 | |
| 醫療系統安全 | Medical Information System Security | 必修 Required | 2 | 0 | 2 | |
| 醫學資訊專題(一) | Independent Study in Medical Informatics(I) | 必修 Required | 1 | 0 | 1 | |
| 網路程式設計 | Design of Network Programs | 選修 Elective | 3 | 3 | 0 | |
| Linux 作業系統 | LINUX Operating Systems | 選修 Elective | 3 | 3 | 0 | |
| 機器學習 | Machine Learning | 選修 Elective | 3 | 3 | 0 | |
| 電子病歷實務 | The Practice of Electronic Medical Records | 選修 Elective | 2 | 2 | 0 | |
| 健康大數據應用與實作 | Application of Health Big Data | 選修 Elective | 2 | 2 | 0 | |
| 專題研究(二) | Independent Study (II) | 選修 Elective | 1 | 1 | 0 | |
| 資料庫應用系統開發 | Development of Database Application System | 選修 Elective | 3 | 0 | 3 | |
| 雲端虛擬作業環境應用 | Application of Cloud Virtual Operating Environments | 選修 Elective | 3 | 0 | 3 | |
| 論文與報告寫作 | Writing Academic Papers | 選修 Elective | 2 | 0 | 2 | |
| 醫院資訊系統實務 | Healthcare Information System | 選修 Elective | 2 | 0 | 2 | |
| 深度學習 | Deep Learning | 選修 Elective | 2 | 0 | 2 | |
| 必修學分合計 Required Credits Subtotal | | | 20 | 8 | 12 | |

| 第 四 學 年 4th 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 Semester Credits | 第二 學期 Semester Credits | 備註 Remarks |
| 書報討論(一) | Discussion in Literature (I) | 必修 Required | 1 | 1 | 0 | |
| 醫學資訊專題(二) | Independent Study in Medical Informatics(II) | 必修 Required | 1 | 1 | 0 | |
| 書報討論(二) | Discussion in Literature (II) | 必修 Required | 1 | 0 | 1 | |
| 優質網路健康照護 | Excellent Internet Healthcare | 選修 Elective | 2 | 2 | 0 | |
| 資訊輔具開發 | Design and Implementation of Assistive Devices | 選修 Elective | 3 | 0 | 3 | |
| 必修學分合計 Required Credits Subtotal | | | 3 | 2 | 1 | |
| 最低畢業學分數 128 學分，必修學分數 65 學分，通識 20 學分，體育 4 學分，選修 39 學分 Minimum graduation credits: 128 credits, compulsory 65 credits, general education 20 credits, physical education 4 credits, elective 39 credits | | | | | | |
| 說明Instructions： | | | | | | |
| 1. | <p>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」、「程式語言」、「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。</p> <p>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:</p> <p>Fundamental General Education Courses: These are mandatory and total 6 credits. They include courses such as "Multiculturalism and Languages," "Programming Languages," "Foundation of University Education," and "Service Learning."</p> <p>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.</p> <p>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."</p> | | | | | |

| 第 四 學 年 | | | | | | |
|--------------------------------|--|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------|
| 4th Academic Year | | | | | | |
| 科目名稱 Course Name in Chinese | 英文科目名稱 Course Name in English | 必選 修 Required Elective | 合計 學分 Credits Subtotal | 第一 學期 Semester Credits | 第二 學期 Semester Credits | 備註 Remarks |
| 2. | <p>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，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。</p> <p>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 Intermediate Level. 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.</p> | | | | | |
| 3. | <p>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。</p> <p>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.</p> | | | | | |
| 4. | <p>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。</p> <p>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.</p> | | | | | |
| 5. | <p>跨域微學程認列之科目於下列情況不可重複認列學分數：1、其他跨域微學程之科目。2、學生主系之科目(包含必修、選修、專業選修)及通識課程。</p> <p>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.</p> | | | | | |
| 6. | <p>系選修至少須修滿 30 學分及通過本系程式設計能力畢業資格檢定，方可畢業。</p> <p>Department electives must complete at least 30 credits and pass the department's program design ability graduation qualification test before graduation.</p> | | | | | |

中山醫學大學

Chung Shan Medical University

114 學年度入學新生應修科目及學分表

Courses and Credits for Freshmen Admitted in the 114th Academic Year

健康管理學院應用外國語言學系

Department of Applied Foreign Languages, 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 | 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 |
|----------------------------------|--|----------------|------------------------------|--|--|---|
| 初級日文 | Elementary Japanese | 必修 Required | 8 | 4 | 4 | |
| 英文翻譯技巧 | English Translation Techniques | 必修 Required | 2 | 2 | 0 | |
| 初級英文文法與寫作(一) | Elementary English Grammar & Composition(I) | 必修 Required | 2 | 2 | 0 | |
| 英語溝通技巧 | English Communication Skills | 必修 Required | 2 | 2 | 0 | |
| 初級英文文法與寫作(二) | Elementary English Grammar & Composition(II) | 必修 Required | 2 | 0 | 2 | |
| 英美文學作品賞析 | English Literature Study | 必修 Required | 2 | 0 | 2 | |
| 英語演說訓練 | English Speech Training | 必修 Required | 2 | 0 | 2 | |
| 英文字彙與閱讀技巧 | English Vocabulary & Reading Skills | 必修 Required | 2 | 0 | 2 | |
| 西洋文學概論 | Introduction to Western Literature | 選修 Elective | 2 | 2 | 0 | |
| 基礎日語聽講(一) | Elementary Japanese Listening & Speaking(I) | 選修 Elective | 2 | 2 | 0 | |
| 基礎日語聽講(二) | Elementary Japanese Listening & Speaking(II) | 選修 Elective | 2 | 0 | 2 | |
| 醫院英語聽講 | Hospital English Listening & Speaking | 選修 Elective | 2 | 0 | 2 | |
| 必修學分合計 Required Credits Subtotal | | | 22 | 10 | 12 | |
| 多元文化與語文 | | 必修 Required | 2 | (2) | (2) | 共同教育課程 通識中心開課 Common Education Courses Provided by General Studies Center |

| | | | | | | |
|------|------------------------------------|----------------|---|-----|-----|---|
| 程式語言 | Programming Language | 必修 Required | 2 | 0 | 2 | 共同教育課程 通識中心開課 Common Education Courses Provided by General Studies Center |
| 大學之道 | Foundation of University Education | 必修 Required | 1 | 1 | 0 | 共同教育課程 通識中心開課 Common Education Courses Provided by General Studies Center |
| 服務學習 | Service Learning | 必修 Required | 1 | (1) | (1) | 共同教育課程 通識中心開課 Common Education Courses Provided by General Studies Center |
| 體育 | Physical Education | 必修 Required | 1 | 1 | 0 | 共同教育課程 體育中心開課 Common Education Courses Provided by Sports Center |
| 體育 | Physical Education | 必修 Required | 1 | 0 | 1 | 共同教育課程 體育中心開課 Common Education Courses Provided by Sports Center |

| 第 二 學 年 2nd Academic Year | | | | | | |
|--------------------------------|---|------------------------------|---------------------------------|--|--|---------------|
| 科目名稱 Course Name in Chinese | 英文科目名稱 Course Name in English | 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 |
| 中級日文 | Intermediate Japanese | 必修 Required | 6 | 4 | 2 | |
| 日語會話 | Japanese Conversation | 必修 Required | 4 | 2 | 2 | |
| 英語教學法 | English Teaching Methodology | 必修 Required | 4 | 2 | 2 | |
| 中級英文寫作 | Intermediate English Composition | 必修 Required | 2 | 2 | 0 | |
| 中級英語會話(一) | Intermediate English Conversation(I) | 必修 Required | 2 | 2 | 0 | |
| 創意數位行銷英文 | English for Creative Digital Marketing | 必修 Required | 2 | 2 | 0 | |
| 中級英語會話(二) | Intermediate English Conversation(II) | 必修 Required | 2 | 0 | 2 | |
| 語言學概論(一) | Introduction to Linguistics(I) | 必修 Required | 2 | 0 | 2 | |
| 日語句型與文法 | Japanese Sentence Patterns and Grammar | 必修 Required | 2 | 0 | 2 | |
| 新聞英文 | News English | 選修 Elective | 2 | 2 | 0 | |
| 進階日語聽講(一) | Advanced Japanese Listening & Speaking(I) | 選修 Elective | 2 | 2 | 0 | |

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|----------------------------------|---|----------------|----|----|----|--|
| 商務英文溝通 | Business English Communication Skills | 選修 Elective | 2 | 2 | 0 | |
| 國際貿易實務(一) | International Trade Practice(I) | 選修 Elective | 2 | 0 | 2 | |
| 醫療保健英文 | Health Care English | 選修 Elective | 2 | 0 | 2 | |
| 進階日語聽講(二) | Advanced Japanese Listening & Speaking (II) | 選修 Elective | 2 | 0 | 2 | |
| 日語文章選讀 | Japanese Articles | 選修 Elective | 2 | 0 | 2 | |
| 必修學分合計 Required Credits Subtotal | | | 26 | 14 | 12 | |

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|----|--------------------|----------------|---|---|---|--|
| 體育 | Physical Education | 必修 Required | 1 | 1 | 0 | 共同教育課程體育中心開課 Common Education Courses Provided by Sports Center |
| 體育 | Physical Education | 必修 Required | 1 | 0 | 1 | 共同教育課程體育中心開課 Common Education Courses Provided by Sports Center |

| 第 三 學 年 3rd Academic Year | | | | | | |
|--------------------------------|--|------------------------------|---------------------------------|--|--|---------------|
| 科目名稱 Course Name in Chinese | 英文科目名稱 Course Name in English | 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 |
| 語言發展與第二語言習得 | Language Development & Second Language Acquisition | 必修 Required | 4 | 2 | 2 | |
| 高級英語會話 | Advanced English Conversation | 必修 Required | 2 | 2 | 0 | |
| 日語語法(一) | Japanese Grammar (I) | 必修 Required | 2 | 2 | 0 | |
| 高級日文 | Advanced Japanese | 必修 Required | 2 | 2 | 0 | |
| 醫護英文(一) | Medical-Nursing English (I) | 必修 Required | 2 | 2 | 0 | |
| 商用英文寫作 | Business English Composition | 必修 Required | 2 | 2 | 0 | |
| 日語語法(二) | Japanese Grammar (II) | 必修 Required | 2 | 0 | 2 | |
| 醫護英文(二) | Medical-Nursing English (II) | 必修 Required | 2 | 0 | 2 | |

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|----------------------------------|--|----------------|----|----|----|--|
| 高級英文寫作:論文寫作 | Advanced English Composition: Research Paper Writing | 必修 Required | 2 | 0 | 2 | |
| 醫護日文 | Medical-Nursing Japanese | 必修 Required | 2 | 0 | 2 | |
| 時事日文 | News in Japanese | 必修 Required | 2 | 0 | 2 | |
| 專題研究(一) | Independent Study(I) | 選修 Elective | 2 | 2 | 0 | |
| 國際貿易實務(二) | International Trade Practice(II) | 選修 Elective | 2 | 2 | 0 | |
| 領隊導遊英文 | Tour Guide English | 選修 Elective | 2 | 2 | 0 | |
| 語言學概論(二) | Introduction to Linguistics(II) | 選修 Elective | 2 | 2 | 0 | |
| 飯店與餐飲日語 | Hotel and Restaurant Japanese | 選修 Elective | 2 | 2 | 0 | |
| 專題研究(二) | Independent Study (II) | 選修 Elective | 2 | 0 | 2 | |
| 會展英文 | English for MICE | 選修 Elective | 2 | 0 | 2 | |
| 商務日文溝通 | Business Japanese Communication Skills | 選修 Elective | 2 | 0 | 2 | |
| 英文媒體溝通 | English for Media Communication | 選修 Elective | 2 | 0 | 2 | |
| 必修學分合計 Required Credits Subtotal | | | 24 | 12 | 12 | |

| 第 四 學 年 4th Academic Year | | | | | | |
|--------------------------------|--|------------------------------|---------------------------------|--|--|---------------|
| 科目名稱 Course Name in Chinese | 英文科目名稱 Course Name in English | 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 |
| 英文筆譯 | English Written Translation | 必修 Required | 2 | 2 | 0 | |
| 商用日文寫作 | Business Japanese Composition | 必修 Required | 2 | 2 | 0 | |
| 日文筆譯 | Japanese Written Translation | 必修 Required | 2 | 0 | 2 | |
| 英語口譯 | English Oral Translation | 必修 Required | 2 | 0 | 2 | |
| 法文(一) | French (I) | 選修 Elective | 2 | 2 | 0 | |
| 西班牙文(一) | Spanish (I) | 選修 Elective | 2 | 2 | 0 | |
| 行銷心理學 | Marketing Psychology | 選修 Elective | 2 | 2 | 0 | |
| 觀光導覽日語 | Tour Guiding in Japanese | 選修 Elective | 2 | 2 | 0 | |
| 日語檢定文法解析與演練(一) | Grammar Analysis and Exercise for JLPT (I) | 選修 Elective | 2 | 2 | 0 | |
| 法文(二) | French (II) | 選修 Elective | 2 | 0 | 2 | |
| 西班牙文(二) | Spanish (II) | 選修 Elective | 2 | 0 | 2 | |

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|---|---|----------------|---|---|---|--|
| 日語簡報演練 | Japanese Presentation Training | 選修 Elective | 2 | 0 | 2 | |
| 日語檢定文法解析與演練(二) | Grammar Analysis and Exercise for JLPT(II) | 選修 Elective | 2 | 0 | 2 | |
| 必修學分合計Required Credits Subtotal | | | 8 | 4 | 4 | |
| <p>最低畢業學分數 128 學分，必修 80 學分，通識 20 學分，體育 4 學分，選修 24 學分</p> <p>Minimum graduation credits: 128 credits, compulsory 80 credits, general education 20 credits, physical education 4 credits, elective 24 credits</p> | | | | | | |
| 說明Instructions： | | | | | | |
| 1. | <p>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。包括：「多元文化與語文」、「程式語言」、「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)。包括：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。</p> <p>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:</p> <p>Fundamental General Education Courses: These are mandatory and total 6 credits. They include courses such as "Multiculturalism and Languages," "Programming Languages," "Foundation of University Education," and "Service Learning."</p> <p>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.</p> <p>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."</p> | | | | | |
| 2. | <p>「英文能力」畢業資格：學生須至少參加過一次校外<u>相當全民英檢中高級初試</u>通過之檢定考試，並於每學期開學後繳交通過之成績證明文件至系上登錄，但未通過者，可參加校內「中山醫大英文能力檢測」(CEPT)通過，取得合於「英文能力」畢業資格，始得畢業。(詳見中山醫學大學應用外國語言學系外語能力檢測暨畢業資格實施辦法)。</p> <p>"English Proficiency" Graduation Requirement: Students must take at least one external standard English proficiency examination equivalent to the high intermediate level of the General English Proficiency Test (GEPT) and submit the passing score report to the department at the beginning of each semester. Students who do not pass can take the on-campus "Chung Shan Medical University English Proficiency Test" (CEPT). Passing the CEPT test at the high intermediate level will fulfill the 'English Proficiency' graduation requirement. For more details, refer to the Implementation Measures for Foreign Language Proficiency Testing and Graduation Requirements of the Department of Applied Foreign Languages at Chung Shan Medical University.</p> | | | | | |

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|----|--|
| 3. | <p>「日文能力」畢業資格：為通過日本在台交流協會<u>日本語能力試驗(JLPT)N3 等級(以上)</u>日本語能力測驗，或財團法人語言訓練測驗中心FLPT 日文考試，並於每學期開學後繳交通過之證明文件至系上登錄；未通過者需檢附證明至系辦核定，方可依「本系外語能力檢測暨畢業資格實施辦法」辦理。</p> <p>“Japanese Proficiency” Graduation Requirement: Students must pass the Japanese-Language Proficiency Test (JLPT) N3 level or above, administered by the Japan-Taiwan Exchange Association, or the FLPT Japanese exam administered by the Language Training and Testing Center (LTTC). Students must submit the passing score report to the department at the beginning of each semester. Those who do not pass must provide proof to the department office for approval and follow the Implementation Measures for Foreign Language Proficiency Testing and Graduation Requirements of the Department of Applied Foreign Languages at Chung Shan Medical University.</p> |
| 4. | <p>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。</p> <p>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.</p> |
| 5. | <p>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。</p> <p>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.</p> |
| 6. | <p>跨域微學程認列之科目於下列情況不可重複認列學分數：1、其他跨域微學程之科目。2、學生主系之科目(包含必修、選修、專業選修)及通識課程。</p> <p>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.</p> |
| . | <p>選修學分中，須含本系選修 10 學分和 1 門「專題研究(一)或專題研究(二)」(2 學分)，方可畢業。</p> <p>To graduate, students must earn 10 elective credits from courses offered by the Department of Applied Foreign Languages. Additionally, they must complete either 'Research Project (I)' or 'Research Project (II)' for 2 credits.</p> |

中山醫學大學114學年度入學新生適用

Applicable to Freshmen Admitted in the 114th Academic Year of Chung Shan Medical University

【通識課程選課須知】

【Instructions for Selecting General Education Courses】

- 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」課程及「博雅通識」課程等兩大部分，修習原則如下：

The total number of credits required for general education courses is 20 credits. Students must complete all required credits before they can apply for graduation. The curriculum is divided into two main categories: "Foundation of University Education" courses and "Liberal Arts General Education" courses. The principles for taking these courses are as follows:

- (一)「基礎通識」課程：必修，共 6 學分。含括：「多元文化與語文」、「程式語言」、「大學之道」及「服務學習」等課程。

"Fundamental General Education" Courses: Required, totaling 6 credits. These courses include "Multiculturalism and Languages," "Programming Language," "Foundation of University Education," and "Service Learning."

1. 「多元文化與語文」：必修 2 學分。

Multiculturalism and Languages: Required, 2 credits.

2. 程式語言：必修 2 學分，大一修習。但醫資系除外，須另於「博雅通識課程」加選 2 學分。

Programming Language: Required, 2 credits, to be taken in the first year. However, students in the Medical Informatics Department are an exception and must instead take an additional 2 credits in "Liberal Arts General Education" courses.

3. 大學之道：必修 1 學分，大一修習(上學期課程)。

Foundation of University Education: Required, 1 credit, to be taken in the first year (first semester course).

4. 服務學習：必修 1 學分，總計 18 小時，以大一修習為原則。含括：「系上專業服務」8 小時、「服務學習講座」2 小時及「校內外志工服務學習」8 小時等課程時數。

Service Learning: Required, 1 credit, with a total of 18 hours, preferably to be completed in the first year. This includes 8 hours of "Departmental Professional Service," 2 hours of "Service Learning Seminars," and 8 hours of "On-Campus and Off-Campus Volunteer Service Learning."

- (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。

Liberal Arts General Education" Courses: Required, totaling 14 credits (16 credits for students in the Medical Informatics Department). This includes four major areas: the Arts and Literature Domain, the Social Sciences Domain, Medical Humanities Domain, and the Science and Technology Domain. Students must take at least 2 credits in each domain.

二、注意事項

Important Notes: :

(一)通識各領域課程，若無註明選修限制，即屬於開放全校學生選修範圍。

General Education Courses in Each Domain: If there are no restrictions specified for elective courses, they are open to all students in the university.

(二)通識課程之學分數列入學生最低畢業學分數計算。但超修或不可採計之通識課程學分數，是否採計為選修學分，由學生畢業時就讀學系認定之。

Credits for General Education Courses: The credits for general education courses are counted towards the minimum graduation credits required for students. Whether extra credits or non-eligible general education course credits can be counted as elective credits will be determined by the student's department at the time of graduation.

(三)課表內符號之標示方法**Symbols in the Course Schedule:** :

1.通則：表格內呈現「V」，表示開課學期。

General Rule: A "V" in the table indicates the semester in which the course is offered.

2.特例：全學年之必修課，表格內呈現「I」，表示開課學期及其學分數。

Special Cases: For compulsory courses offered throughout the academic year, the symbol "I" in the table indicates the semester and the number of credits.

(四)授課教師如有異動，悉依當學年度實際授課教師為主。

Changes in Teaching Staff: Any changes in teaching staff will be based on the actual instructors for that academic year.

(五)開課課表及各學群領域開課課程如有異動(增刪)，悉依修正公告內容為準。

Course Schedule and Changes in Courses Offered in Each Domain: Any changes (additions or deletions) to the course schedule or the courses offered in each domain will be based on the latest announcements and revisions.

(六)國防通識課程：選修，不列入通識畢業學分。

National Defense General Education Courses: These are elective and do not count towards the general education graduation credits.

※注意事項：(a)99 學年度起國防通識領域各科目均不限年級。(b)因應部頒「軍訓課程折算役期實施辦法」修訂，課程名稱內須有「軍訓」課程始得折抵役期。(C)每門課程合格始具有折減役期之效力，相關役期折減依「全民國防教育軍事訓練課程折減常備兵役役期與軍事訓練期間實施辦法」辦理（5門課：全民國防教育軍事訓練課程-國際情勢、國防政策、全民國防、防衛動員、國防科技），不可重複選修。

☐ **Important Notes**(a)From the academic year 2010 (99th academic year), there are no grade level restrictions for subjects in the National Defense General Education domain.(b)In response to the revised "Implementation Guidelines for Substituting Military Training Courses for Military Service," the course title must include "Military Training" for the

course to count towards military service reduction.(c) Each course must be completed with a passing grade to qualify for a reduction in military service time. The relevant service reduction is managed according to the "Implementation Guidelines for Reducing Regular Military Service Time with National Defense Education and Military Training Courses" (which includes five courses: National Defense Education and Military Training Courses – International Situations, The Defense Doctrine, All-people Defense, Defense Mobilization, and National Defense Science and Technology). Courses cannot be repeated.

※114學年度通識教育課程開課科目及學分表 General Education Courses and Credits for the 114th Academic Year

(一)「共同教育課程」 Common Education Courses

1、程式語言、大學之道、服務學習 Programming Language, Foundation of University Education, Service Learning

| 共同教育課程-程式語言、大學之道、服務學習 Common Education Courses-Multiculturalism and Language, Foundation of University Education, Service Learning | | | | | | | | |
|---|------------------------------------|----------------------------|---------------|----------------------|----------------------|---|-----|---------------|
| 科目名稱 Course Name in Chinese | 英文科目名稱 Course Name in English | 必修 Required Elective | 學分 Credits | 第一學期 1st Semester | 第二學期 2nd Semester | 選修限制 Elective Restrictions | SDG | 備註 Remarks |
| 程式語言 | Programming Language | 必修 Required | 2 | V | | 限以下學系修習： 醫學一、護理一、 醫社一、醫技一、 生醫一、醫影 一、牙醫一 Limited to the Following Departments: First-year Medicine, First-year Nursing, First-year Medical Sociology, First-year Medical Technology, First-year Biomedical Science, First-year Medical Imaging First-year Dentistry | 4.4 | |
| 程式語言 | Programming Language | 必修 Required | 2 | | V | 限以下學系修習： 心理一、物治一、 職治一、語聽一、 視光一、營養一、 公衛一、醫管一、 職安一、醫化一、 餐飲一、應外一 Limited to the Following Departments: First-year Psychology First-year Physical Therapy First-year Occupational Therapy First-year Speech-Language Pathology and Audiology First-year Optometry First-year Nutrition First-year Public Health First-year Healthcare Management First-year Occupational Safety and Health First-year Medical Chemistry First-year Hospitality Management First-year Applied Foreign Languages | 4.4 | |
| 大學之道 | Foundation of University Education | 必修 Required | 1 | V | | 各系大一 First-Year Students from All Departments | 4.7 | |

| 共同教育課程-程式語言、大學之道、服務學習 Common Education Courses-Multiculturalism and Language, Foundation of University Education, Service Learning | | | | | | | | |
|---|----------------------------------|----------------------------|----------------|----------------------|----------------------|---|------|---------------|
| 科目名稱 Course Name in Chinese | 英文科目名稱 Course Name in English | 必修 Required Elective | 學分數 Credits | 第一學期 1st Semester | 第二學期 2nd Semester | 選修限制 Elective Restrictions | SDG | 備註 Remarks |
| 服務學習 | Service Learning | 必修 Required | 1 | V | V | 以大一修習為原則 Take it as a principle in the first year of university. | 11.3 | |

2、多元文化與語文Multiculturalism and Languages

| 共同教育課程-多元文化與語文 Common Education Courses- Multiculturalism and Languages | | | | | | | | |
|--|--|----------------------------|----------------|----------------------|----------------------|--|-----|---------------|
| 科目名稱 Course Name in Chinese | 英文科目名稱 Course Name in English | 必修 Required Elective | 學分數 Credits | 第一學期 1st Semester | 第二學期 2nd Semester | 選修限制 Elective Restrictions | SDG | 備註 Remarks |
| 日語探索 | Japanese Exploration | 選修 Elective | 2 | V | | 應外系不列計通識學分 General education credits are not counted for the Department of Applied Foreign Languages. | 4.1 | |
| 法文 | French | 選修 Elective | 2 | V | V | | 4.6 | |
| 韓文 | Korean | 選修 Elective | 2 | V | V | | 4.3 | |
| 韓文日常與生活觀光會話 | Korean Conversation | 選修 Elective | 2 | V | | | 4.3 | |
| 韓國文化與韓文 | Korean Culture and Language | 選修 Elective | 2 | | V | | 4.3 | |
| 日本現代文化與生活日語 | Modern Culture and Languages for Daily Life in Japan | 選修 Elective | 2 | V | | | 4.7 | |

| 共同教育課程-多元文化與語文 Common Education Courses- Multiculturalism and Languages | | | | | | | | |
|---|---|-------------------------|----------------|----------------------|----------------------|-------------------------------|------|---------------|
| 科目名稱 Course Name in Chinese | 英文科目名稱 Course Name in English | 必修 Required Elective | 學分數 Credits | 第一學期 1st Semester | 第二學期 2nd Semester | 選修限制 Elective Restrictions | SDG | 備註 Remarks |
| 日本節令中的生活智慧 | Living Wisdom in Japanese Seasonal Festivals | 選修 Elective | 2 | V | V | | 4.7 | |
| 日本地方文化觀光與日語 | Local Cultural Tour in Japan and Japanese | 選修 Elective | 2 | V | V | | 4.7 | |
| 基礎越南語 | Basic Vietnamese | 選修 Elective | 2 | V | V | | 17.1 | |
| 西班牙文 | Spanish | 選修 Elective | 2 | V | V | | 4.1 | |
| 西方餐飲文化與英文 | English for Western Food Industry | 選修 Elective | 2 | V | V | | 4.6 | |
| 台灣原住民族文化 | Taiwan Indigenous Culture | 選修 Elective | 2 | V | | | 4.7 | |
| 德文會話與文化 | German Language and Culture | 選修 Elective | 2 | V | V | | 4.1 | |
| 觀光德語 | German for Travel in Germany | 選修 Elective | 2 | V | | | 4.1 | |
| 西方美食文化英文 | English for Western Gourmet Culture | 選修 Elective | 2 | V | V | | 4.1 | |
| 跨文化商務溝通與英語 | Intercultural Communication in Business and English | 選修 Elective | 2 | V | | | 4.1 | |
| 初級泰語會話 | Thai Language Conversation for Beginner | 選修 Elective | 2 | V | | | 4.6 | |

| 共同教育課程-多元文化與語文 Common Education Courses- Multiculturalism and Languages | | | | | | | | |
|---|---|-------------------------|----------------|----------------------|----------------------|---|------------|---------------|
| 科目名稱 Course Name in Chinese | 英文科目名稱 Course Name in English | 必修 Required Elective | 學分數 Credits | 第一學期 1st Semester | 第二學期 2nd Semester | 選修限制 Elective Restrictions | SDG | 備註 Remarks |
| 印尼語言與文化 | Indonesian Language and Culture | 選修 Elective | 2 | V | V | | 4.6 | |
| 日本語言與文化 | Japanese Language and Culture | 選修 Elective | 2 | V | V | 應外系不列計通識學分 General education credits are not counted for the Department of Applied Foreign Languages | 4.1 | |
| 美國節慶文化與英文 | Holidays and Festivals in the United States | 選修 Elective | 2 | V | V | | 4.7 | |
| 西方文化與創意產業英文 | English for Cultural and Creative Industries | 選修 Elective | 2 | V | | | 4.7 | |
| 現代日本社會文化與日語 | Contemporary Japanese Society, Culture and Language | 選修 Elective | 2 | V | V | | 4.3 | |
| 日本日常生活習慣與會話 | Japanese Customs and Daily Conversation | 選修 Elective | 2 | V | V | | 4.3 | |

(二)

1、醫學人文領域課程 Medical Humanities Domain

| 醫學人文領域課程 Medical Humanities Domain | | | | | | | | |
|---------------------------------------|--|-------------------------|---------------|----------------------|----------------------|--|-----|--------------------------|
| 科目名稱 Course Name in Chinese | 英文科目名稱 Course Name in English | 必修 Required Elective | 學分 Credits | 第一學期 1st Semester | 第二學期 2st Semester | 選修限制 Elective Restrictions | SDG | 備註 Remarks |
| 童話故事的作用與療癒 | The Functions & Healing of Fairy Tales | 選修 Elective | 2 | V | | | 4.7 | |
| 醫學人文文學作品與電影賞析 | Introduction to Medical Humanities: Literature and Visual Arts | 選修 Elective | 2 | | V | | 4.7 | |
| 醫學倫理 | Medical Ethics | 選修 Elective | 2 | V | V | 醫影系不列計通識學分 General education credits are not counted for the Department of Medical Imaging and Radiological Sciences. | 3.8 | 開兩班 Offer two classes |
| 博物館藝術治療與跨域思維 | Art Therapy in Museums and Interdisciplinary Thinking | 選修 Elective | 2 | V | ✕ | | 4.7 | |
| 醫學與影像美學 | Medicine and the Aesthetics of Image | 選修 Elective | 2 | V | | | 4.3 | |
| 台灣民俗醫療文化 | Folk Medical Culture of Taiwan | 選修 Elective | 2 | V | V | | 4.7 | |
| 台灣醫療文學 | Medical Literature of Taiwan | 選修 Elective | 2 | V | V | | 4.7 | |
| 法醫與生活 | Forensic Medicine in Daily Life | 選修 Elective | 2 | V | V | | 4.1 | |
| 飲食文化 | Food Culture | 選修 Elective | 2 | | V | | 4.1 | |
| 臨床醫療的生死學 | Life and Death in Clinical Medicine | 選修 Elective | 2 | V | | | 3.4 | |
| 禪繞畫的藝術 | Zentangle Art | 選修 Elective | 2 | V | V | | 4.7 | |
| 醫學倫理的思辨之旅 | A Tour of Medical Ethics Deliberations | 選修 Elective | 2 | | V | | 3.4 | |

| 醫學人文領域課程 | | | | | | | | |
|--------------------------------|---|-------------------------|---------------|----------------------|----------------------|-------------------------------|------|---------------|
| Medical Humanities Domain | | | | | | | | |
| 科目名稱 Course Name in Chinese | 英文科目名稱 Course Name in English | 必修 Required Elective | 學分 Credits | 第一學期 1st Semester | 第二學期 2nd Semester | 選修限制 Elective Restrictions | SDG | 備註 Remarks |
| 音樂治療導論 | Introduction to Music Therapy | 選修 Elective | 2 | | V | | 4.6 | |
| 藝術與治療 | Art & Therapy | 選修 Elective | 2 | V | V | | 11.4 | |
| 醫學人體素描入門 | Sketch of Medical Human Body | 選修 Elective | 2 | V | | | 11.4 | |
| 醫學人體素描進階 | Advanced Sketch of Medical Human Body | 選修 Elective | 2 | | V | | 11.4 | |
| 諾貝爾醫學獎得主的故事 | Stories of Nobel Laureates in Medicine | 選修 Elective | 2 | V | V | | 4.7 | |
| 基礎戲劇治療 | Basic Dramatherapy | 選修 Elective | 2 | | V | | 4.7 | |
| 生命之歌 | The Wisdom of the Body | 選修 Elective | 2 | V | V | | 3.4 | |
| 音樂治療導論 | Introduction to Music Therapy | 選修 Elective | 2 | | V | | 4.6 | |
| 元宇宙醫療：沉浸式保健的倫理與未來 | Metaverse Healthcare: Ethics and Future of Immersive Wellness | 選修 Elective | 2 | V | | | 3.8 | |
| 科技人性：探索 AI 與醫療人文的交織 | Techno-Humanity: Exploring the Intersection of AI and Medical Humanities | 選修 Elective | 2 | V | | | 8.6 | |
| 感覺的地圖：藝術治療與生活表達實作 | Mapping Emotions: Applied Art Therapy and Everyday Expression | 選修 Elective | 2 | V | | | 4.7 | |
| 解題的藝術：用設計思考看見新可能 | The Art of Problem Solving: Discovering New Possibilities through Design Thinking | 選修 Elective | 2 | V | | | 8.6 | |
| 療癒的視角：從藝術治療閱讀藝術家與作品 | The Healing Gaze: Reading Artists and Artworks Through the Lens of Art Therapy | 選修 Elective | 2 | | V | | 4.7 | |

2、『文藝領域課程』

Arts and Literature Domain

| 文藝領域課程 | | | | | | | | |
|--------------------------------|---|-------------------------|----------------|----------------------|----------------------|-------------------------------|------|---------------|
| Arts and Literature Domain | | | | | | | | |
| 科目名稱 Course Name in Chinese | 英文科目名稱 Course Name in English | 必修 Required Elective | 學分數 Credits | 第一學期 1st Semester | 第二學期 2nd Semester | 選修限制 Elective Restrictions | SDG | 備註 Remarks |
| 說話的表演藝術 | Talking, the Art of Performance | 選修 Elective | 2 | V | | | 4.6 | |
| 手機專業影片製作 與未來工作應用 | Professional Film Making by Cellphone and Future Application | 選修 Elective | 2 | V | | | 4.4 | |
| 文創品牌與發想 | Cultural-Creative Brand and Idea Generation | 選修 Elective | 2 | V | | | 4.3 | |
| 文學漫談 | Literary Talk | 選修 Elective | 2 | V | V | | 4.3 | |
| 宮崎駿動畫賞析 | Appreciation of Hayao Miyazaki's Animations | 選修 Elective | 2 | V | V | | 10.4 | |
| 粉墨乾坤看戲曲 | Traditional Drama | 選修 Elective | 2 | V | V | | 4.7 | |
| 閱讀與書寫 | Reading and Writing | 選修 Elective | 2 | V | V | | 4.3 | |
| 日本花道與生活美學 | Japanese Floral Art and Life Aesthetics | 選修 Elective | 2 | V | | | 4.7 | |
| 日本花道中的文化精神 | Cultural Spirits in Japanese Floral Art | 選修 Elective | 2 | | V | | 4.3 | |
| 日本歷史與文化探源 | Source Explosion of Japanese History and Culture | 選修 Elective | 2 | V | | | 4.7 | |

| 文藝領域課程 | | | | | | | | |
|--------------------------------|--|-------------------------|----------------|----------------------|----------------------|-------------------------------|-----|---------------|
| Arts and Literature Domain | | | | | | | | |
| 科目名稱 Course Name in Chinese | 英文科目名稱 Course Name in English | 必修 Required Elective | 學分數 Credits | 第一學期 1st Semester | 第二學期 2nd Semester | 選修限制 Elective Restrictions | SDG | 備註 Remarks |
| 從電影看日本思想與文化 | Knowing Japanese Thoughts and Culture Through Film | 選修 Elective | 2 | | V | | 4.3 | |

| 文藝領域課程 | | | | | | | | |
|--------------------------------|--|-------------------------|----------------|----------------------|----------------------|-------------------------------|-----|---------------|
| Arts and Literature Domain | | | | | | | | |
| 科目名稱 Course Name in Chinese | 英文科目名稱 Course Name in English | 必修 Required Elective | 學分數 Credits | 第一學期 1st Semester | 第二學期 2nd Semester | 選修限制 Elective Restrictions | SDG | 備註 Remarks |
| 電影與當代思潮 | Film and Contemporary Thought | 選修 Elective | 2 | | V | | 4.3 | |
| 電影與人生 | Movie and Life | 選修 Elective | 2 | V | V | | 4.3 | |
| 旅行的藝術：移動與觀看 | The Art of Travel | 選修 Elective | 2 | V | | | 4.7 | |
| 閱讀與書寫 | Reading and Writing | 選修 Elective | 2 | V | V | | 4.7 | |
| 中國古典小說中的超自然世界 | Supernatural World in Classical Chinese Novels | 選修 Elective | 2 | V | | | 4.7 | |
| 話本小說中的社會百態 | Social Attitudes in Story Teller's Script | 選修 Elective | 2 | V | | | 4.7 | |
| 台灣民俗節慶文化 | Folk Festival Culture of Taiwan | 選修 Elective | 2 | | V | | 4.7 | |
| 神話、科技與人 | Myths, Technology and Man | 選 | 2 | | V | | 4.7 | |

| 文藝領域課程 | | | | | | | | |
|--------------------------------|--------------------------------------|-------------------------|----------------|----------------------|----------------------|-------------------------------|------|---------------|
| Arts and Literature Domain | | | | | | | | |
| 科目名稱 Course Name in Chinese | 英文科目名稱 Course Name in English | 必修 Required Elective | 學分數 Credits | 第一學期 1st Semester | 第二學期 2nd Semester | 選修限制 Elective Restrictions | SDG | 備註 Remarks |
| | | 修 Elective | | | | | | |
| 台灣散文選讀 | Selected Readings of Taiwanese Essay | 選修 Elective | 2 | V | V | | 11.4 | |
| 色彩生活應用 | Application of Life's Color | 選修 Elective | 2 | V | | | 11.4 | |
| 旅行中發現藝術 | Art Discovery When Travel | 選修 Elective | 2 | V | | | 11.4 | |

| 文藝領域課程 | | | | | | | | |
|--------------------------------|---|-------------------------|----------------|----------------------|----------------------|-------------------------------|------|----------------------------|
| Arts and Literature Domain | | | | | | | | |
| 科目名稱 Course Name in Chinese | 英文科目名稱 Course Name in English | 必修 Required Elective | 學分數 Credits | 第一學期 1st Semester | 第二學期 2nd Semester | 選修限制 Elective Restrictions | SDG | 備註 Remarks |
| 藝術概論 | Introduction to Art | 選修 Elective | 2 | | V | | 11.4 | |
| 東方藝術導論 | Introduction to the Eastern Art | 選修 Elective | 2 | | V | | 11.4 | |
| 日本小說與電影欣賞 | Appreciation of Japanese Novels and Films | 選修 Elective | 2 | V | | | 4.1 | |
| 當代電影研究欣賞 英語電影 | Appreciating English-Language Films | 選修 Elective | 2 | | V | | 4.7 | 全英文授課 Taught in English |

| 文藝領域課程 | | | | | | | | |
|--------------------------------|--|-------------------------|----------------|----------------------|----------------------|-------------------------------|-----|---------------|
| Arts and Literature Domain | | | | | | | | |
| 科目名稱 Course Name in Chinese | 英文科目名稱 Course Name in English | 必修 Required Elective | 學分數 Credits | 第一學期 1st Semester | 第二學期 2nd Semester | 選修限制 Elective Restrictions | SDG | 備註 Remarks |
| 影像觀點：觀看與實踐 | Viewpoint of Images: Seeing and Practice | 選修 Elective | 2 | V | | | 4.3 | |

3、『科普領域課程』 Science and Technology Domain

| <div> <div>科普領域課程</div> <div>Science and Technology Domain</div> </div> | | | | | | | | |
|---|--|-------------------------|----------------|----------------------|----------------------|---|------|---------------|
| 科目名稱 Course Name in Chinese | 英文科目名稱 Course Name in English | 必修 Required Elective | 學分數 Credits | 第一學期 1st Semester | 第二學期 2nd Semester | 選修限制 Elective Restrictions | SDG | 備註 Remarks |
| 電磁輻射與生活 | Electromagnetic Radiation and Life | 選修 Elective | 2 | | V | | 3.4 | |
| 心與腦 | Brain and Mind | 選修 Elective | 2 | | V | | 3.4 | |
| 大腦與人類行為 | Brain & Behavior | 選修 Elective | 2 | | V | 心理系不列計通識學分 General education credits are not counted for the Department of Psychology. | 4.1 | |
| 營養與保健 | Nutrition and Health | 選修 Elective | 2 | V | V | | 2.2 | |
| 環境（全球暖化）與社會 | Environment (Global Warming) and Society | 選修 Elective | 2 | V | V | | 13.3 | |
| 邏輯與批判思考 | Logic and Critical Thinking | 選修 Elective | 2 | V | | | 4.3 | |
| 淺談食品之毒物 | Introduction of Toxicology and Food | 選修 Elective | 2 | V | | | 3.9 | |
| 普通心理學 | General Psychology | 選修 Elective | 2 | | V | 心理系，語言治療與聽力學系，職能治療學系，護理學系及醫學系不列計 列通識學分 General education credits are not counted for the Department of Psychology, the Department of Speech Language Pathology and Audiology, the Department of | 4.3 | |

科普領域課程 Science and Technology Domain

| | | | | | | | | |
|--|--|--------|--|---|---|--|--|--|
| | | 必 選 | | 第 | 第 | | | |
|--|--|--------|--|---|---|--|--|--|

| 科目名稱 Course Name in Chinese | 英文科目名稱 Course Name in English | 選修 Required Elective | 學分數 Credits | 一學期 1st Semester | 二學期 2st Semester | 選修限制 Elective Restrictions | SDG | 備註 Remarks |
|--------------------------------|----------------------------------|----------------------------|----------------|---------------------|---------------------|---|------|---------------|
| | | | | | | Medical Imaging and Radiological Sciences and the Department of Public Health. | | |
| 輻射與人生 | Radiation and Life | 選修 Elective | 2 | | V | 醫影系不列計通識學分 General education credits are not counted for the Department of Medical Imaging and Radiological Sciences | 11.1 | |
| 生命科學與工程 | Life Science and Engineering | 選修 Elective | 2 | | V | | 3.8 | |
| 探索生命密碼 | Discover Life Code | 選修 Elective | 2 | V | | | 4.4 | |
| 毒物與生活 | Poison and life | 選修 Elective | 2 | V | V | | 3.4 | |
| 藥理學概論 | Introduction to Pharmacology | 選修 Elective | 2 | V | V | 生物醫學科學學系 不列計通識學分 General education credits are not counted for the Department of Biomedical Sciences. | 3.4 | |

科普領域課程 Science and Technology Domain

| 科目名稱 Course Name in Chinese | 英文科目名稱 Course Name in English | 必修 Required Elective | 學分數 Credits | 第一學期 1st Semester | 第二學期 2st Semester | 選修限制 Elective Restrictions | SDG | 備註 Remarks |
|--------------------------------|---|-------------------------|----------------|----------------------|----------------------|---|-----|----------------------------|
| 自然環境與生命科學 | Natural Environment and Life Sciences | 選修 Elective | 2 | V | | | 4.3 | |
| 生活化學 | Chemistry of Life | 選修 Elective | 2 | V | | 醫化系不列計通識學分 General education credits are not counted for the Department of Medical Applied Chemistry | 3.4 | |
| 工作與風險 | Work and Risk | 選修 Elective | 2 | V | | | 8.7 | |
| 環境變化與人生 | Environmental Changes and the Real-Life | 選修 Elective | 2 | | V | | 3.4 | |
| 運動處方與實務 | Exercise Prescription and Practice | 選修 Elective | 2 | V | | | 3.8 | |
| 跨域智慧醫療與ESG創新 | Interdisciplinary smart healthcare and ESG innovation | 選修 Elective | 2 | | V | | 4.3 | |
| 智慧醫療商業模式創業實戰 | Smart Healthcare Business Model Entrepreneurship Practice | 選修 Elective | 2 | | V | | 3.8 | |
| 烹飪行銷：透過數位故事講述探索台灣美食文化 | Culinary Marketing: Exploring Taiwan's Food Culture with Digital Storytelling | 選修 Elective | 2 | | V | | 4.3 | 全英文授課 Taught in English |
| 數位多媒體製作 | Digital Multimedia | 選修 Elective | 2 | | V | | 4.4 | |
| 保健與人生 | Health and A Real Life | 選修 | 2 | V | V | | 4.3 | |

科普領域課程 Science and Technology Domain

| 科目名稱 Course Name in Chinese | 英文科目名稱 Course Name in English | 必修 Required Elective | 學分數 Credits | 第一學期 1st Semester | 第二學期 2nd Semester | 選修限制 Elective Restrictions | SDG | 備註 Remarks |
|--------------------------------|--|-------------------------|----------------|----------------------|----------------------|-------------------------------|-----|---------------|
| | | Elective | | | | | | |
| 醫用藥物的開發與應用 | Discovery and Application of Medicinal Drugs | 選修 Elective | 2 | | V | | 3.4 | |
| 從生活中談微生物及免疫 | Micro-Organisms and Immunity in Our Life | 選修 Elective | 2 | V | V | | 3.3 | |

4、『社會領域課程』 Social Sciences Domain

| 社會領域課程 the Social Sciences Domain | | | | | | | | |
|--------------------------------------|--|--------------------------|----------------|----------------------|----------------------|---|------|---------------|
| 科目名稱 Course Name in Chinese | 英文科目名稱 Course Name in English | 必選修 Required Elective | 學分數 Credits | 第一學期 1st Semester | 第二學期 2nd Semester | 選修限制 Elective Restrictions | SDG | 備註 Remarks |
| 變態行為與現代生活 | The Abnormal Behavior & Modern Life | 選修 Elective | 2 | V | V | 心理系不列計通識學分 General education credits are not counted for the Department of Psychology. | 3.4 | |
| 性別、健康與醫療 | Gender、Health and Medicine | 選修 Elective | 2 | | V | | 5.2 | |
| 性別、醫療與法律 | Gender, Medicine and Law | 選修 Elective | 2 | | V | | 10.3 | |
| 老人健康照護 | Health Care for Older Adults | 選修 Elective | 2 | | V | | 3.4 | |
| 毒品的世界 | Narcotic World | 選修 Elective | 2 | | V | 心理系不列計通識學分 General education credits are not counted for the Department of Psychology. | 4.1 | |
| 愛情心理學 | Love Psychology | 選修 Elective | 2 | V | | | 5.2 | |
| 情緒管理 | Emotion Management | 選修 Elective | 2 | | V | | 3.4 | |
| 大學生軟實力修煉 | Training of Soft Skills for College Students | 選修 Elective | 2 | V | V | | 4.3 | |
| 日本文化與社會 | Japanese Culture and Society | 選修 Elective | 2 | | V | | 4.7 | |
| 哲學概論 | Introduction to Philosophy | 選修 Elective | 2 | | V | | 4.3 | |
| 性別教育 | Gender Education | 選修 Elective | 2 | V | V | | 10.3 | |
| 南島文化與原住民族 | Austronesian Culture & Introduction to Taiwanese Aboriginal Social | 選修 Elective | 2 | V | V | | 1.3 | |
| 性別與健康照護 | Gender & Health Care | 選修 Elective | 2 | | V | | 5.4 | |
| 哲學思維與生活 | Philosophical Thinking and Life | 選修 Elective | 2 | V | | | 4.7 | |
| 發明與專利 | Invention and Patent | 選修 Elective | 2 | V | V | | 8.6 | |
| 智慧財產權概論 | The Introduction of Intellectual Property Rights | 選修 Elective | 2 | V | | | 8.6 | |
| 職業規畫與輔導 | Employment Counseling and Planning | 選修 Elective | 2 | | V | | 4.2 | |
| 創新經營與管理 | Innovation Operation and | 選修 | 2 | V | | | 8.6 | |

| 社會領域課程 the Social Sciences Domain | | | | | | | | |
|--------------------------------------|---|-------------------------|----------------|----------------------|----------------------|-------------------------------|------|---------------|
| 科目名稱 Course Name in Chinese | 英文科目名稱 Course Name in English | 必修 Required Elective | 學分數 Credits | 第一學期 1st Semester | 第二學期 2nd Semester | 選修限制 Elective Restrictions | SDG | 備註 Remarks |
| | Management | Elective | | | | | | |
| 創新與創業思考 | Innovation and Entrepreneurship Thinking | 選修 Elective | 2 | | V | | 8.6 | |
| 生活與意外 | Life and Accident | 選修 Elective | 2 | | V | | 11.5 | |
| 邊玩遊戲，邊學經濟 | Learning Economics by Playing | 選修 Elective | 2 | V | V | | 2.c | |
| 在溝通與反思中實踐性別 | Doing Gender via Communication and Reflection | 選修 Elective | 2 | V | | | 10.3 | |
| 消費、銷售與生活 | Consumption, Sales and Life | 選修 Elective | 2 | V | V | | 12.3 | |
| 原住民族休閒產業與旅遊規劃 | Indigenous Peoples' Leisure Industry and Tourism Planning | 選修 Elective | 2 | | V | | 4.4 | |
| 藥事法概論 | Introduction to Pharmaceutical Affairs Law | 選修 Elective | 2 | | V | | 4.3 | |
| 資訊媒體素養與倫理 | Information Literacy And Cyber Ethics | 選修 Elective | 2 | V | | | 4.4 | |
| 社會與健康 | Social Determinants of Health | 選修 Elective | 2 | | V | | 10.1 | |
| 長期照護與社會 | The Society and Long-Term Care | 選修 Elective | 2 | V | V | | 1.2 | |
| 策略性智慧醫療跨域創新 | Strategic Smart Healthcare Interdisciplinary Innovation | 選修 Elective | 2 | V | | | 9.4 | |
| ESG 導向設計思考與實踐 | ESG-Oriented Design Thinking and Practice | 選修 Elective | 2 | V | | | 9.4 | |

(三) 「國防通識課程」 National Defense General Education Courses

| 國防通識課程 National Defense General Education Courses | | | | | | | | |
|--|----------------------------------|-------------------------|----------------|----------------------|----------------------|--|------|---------------|
| 科目名稱 Course Name in Chinese | 英文科目名稱 Course Name in English | 必修 Required Elective | 學分數 Credits | 第一學期 1st Semester | 第二學期 2nd Semester | 選修限制 Elective Restrictions | SDG | 備註 Remarks |
| 全民國防教育軍事訓練-全民國防 | All-people Defense | 選修 Elective | 1 | V | V | 不列入通識畢業學分 Not included in the general education graduation credits. | 11.5 | |
| 全民國防教育軍事訓練-國防政策 | The Defense Doctrine | 選修 Elective | 1 | | V | 不列入通識畢業學分 Not included in the general education graduation credits. | 11.5 | |
| 全民國防教育軍事訓練-國際情勢 | International Situations | 選修 Elective | 1 | V | | 不列入通識畢業學分 Not included in the general education graduation credits. | 11.5 | |
| 全民國防教育軍事訓練-國防科技 | Science and Technology | 選修 Elective | 1 | | V | 不列入通識畢業學分 Not included in the general education graduation credits. | 11.5 | |
| 全民國防教育軍事訓練-防衛動員 | Defense Mobilization | 選修 Elective | 1 | V | | 不列入通識畢業學分 Not included in the general education graduation credits. | 11.5 | |

中山醫學大學 114 學年度入學新生適用

Applicable to New Students Entering Chung Shan Medical University in the Academic Year 113

【體育課程選課須知】

【Instructions for Selecting Physical Education Courses】

壹、課程

I. Courses

一、大學部一、二年級體育課程為必修，每週授課兩小時為 1 學分，成績併入該學期學業成績計算。Physical education courses for first and second-year undergraduate students are compulsory, with two hours of instruction per week, earning 1 credit. The grades are included in the calculation of the academic performance for that semester.

二、課程規劃：

Course Planning:

(一) 體育中心開設的體育課程，例如：體育-桌球、體育-排球、體育-足球等。同學可依個人興趣及空堂自由選課，但每人每學期限選 1 門體育課程。

The Physical Education Center offers various physical education courses, such as PE-Table Tennis, PE-Volleyball, PE-Soccer, etc. Students can freely choose courses based on their interests and available time slots, but each student can only select one physical education course per semester.

(二) 大學部一、二年級同學請在選課預選及選課加退選時至選課系統選課，不得參加人工特殊加退選。

First and second-year undergraduate students must select their courses through the course selection system during the pre-selection and add/drop periods. Participation in manual special add/drop is not allowed.

三、「體育-適應體育」班：

「PE-Adaptive Physical Education」Class：

(一) 對於不適合激烈運動、身障生或其他特殊情況的同學可以轉至「體育-適應體育」修課。

Students who are not suitable for intense physical activities, have disabilities, or are in other special circumstances may enroll in the "PE-Adaptive Physical Education" course.

(二) 如需轉至「體育-適應體育」修課的同學，請於開學後第一次上課前攜帶公立醫院或教學醫院開具之證明至體育中心審定，並辦理轉班。

Students who need to transfer to the 「PE-Adaptive Physical Education」 course should bring a certificate issued by a public or teaching hospital to the Physical Education Center for approval before the first class of the semester, and then proceed with the transfer process.

貳、修課規定

II. Course Regulations

一、大學部學生必須修滿 4 學分體育課程且成績及格始得畢業，但超修不予列入畢業學分數。Undergraduate students must complete a minimum of 4 credits in physical education courses and obtain a passing grade to be eligible for graduation. However, credits earned beyond this requirement will not be counted towards graduation.

二、人工特殊加退選注意事項：

Special Notes for Manual Add/Drop Procedures:

限大三以上重、補修及已修滿4學分欲加修體育課程者，辦理人工特殊加退選，每學期至多修習2門，請同學自行列印加退選後的“一週課表”及中山醫學大學大學部選修各學系課程人工特殊加退選申請表，至體育中心辦理，未備齊者不予受理。

For juniors (third-year students) and above who wish to enroll in physical education courses for retaking, makeup, or after completing 4 credits, manual special add/drop procedures apply. Each semester, students may enroll in a maximum of 2 courses. Please print the "Weekly Schedule" after add/drop registration and the "Application Form for Manual Special Add/Drop of Elective Courses for Undergraduate Departments of Chung Shan Medical University." Submit these documents to the Physical Education Center for processing. Incomplete submissions will not be accepted.

三、第一週上課地點請參閱課程綱要或進入體育中心網站公告之地點集合。

Please refer to the course syllabus or visit the Physical Education Center website for location details regarding the first week of classes.

四、修習體育課程應穿著合適之運動服裝或修課教師規定之服裝。

Students taking physical education courses must wear appropriate sportswear or attire specified by the course instructor.

參、授課場地

III. Teaching Venues

一、校內授課場地表

List of On-Campus Teaching Venues

| 項目 (Item) | 場地 (Venue) | 備註 (Remarks) |
|--------------------------|---|---|
| 籃球 Basketball | 多功能運動場 (大慶運動場) Multipurpose Sports Field、Daqing Sports Field | 器材自備或學校借用 Bring Your Own Equipment or Borrow from the School |
| 排球 Volleyball | 多功能運動場 Multipurpose Sports Field | 器材自備或學校借用 Bring Your Own Equipment or Borrow from the School |
| 足球 Soccer | 大慶運動場 Daqing Sports Field | 器材自備或學校借用 Bring Your Own Equipment or Borrow from the School |
| 飛盤 Frisbee | 大慶運動場 Daqing Sports Field | 器材自備或學校借用 Bring Your Own Equipment or Borrow from the School |
| 高爾夫 Golf | 大慶運動場 Daqing Sports Field | 器材自備或學校借用 Bring Your Own Equipment or Borrow from the School |
| 木球 Woodenball | 大慶運動場 Daqing Sports Field | 器材自備或學校借用 Bring Your Own Equipment or Borrow from the School |
| 桌球 Table Tennis | 大慶運動場-桌球教室 Daqing Sports Field- Table Tennis Room | 器材自備或學校借用 Bring Your Own Equipment or Borrow from the School |
| 網球 Tennis | 大慶運動場-網球場 Daqing Sports Field- Tennis Court | 器材自備或學校借用 Bring Your Own Equipment or Borrow from the School |
| 匹克球 Pickleball | 大慶運動場-網球場 Daqing Sports Field- Tennis Court | 器材自備或學校借用 Bring Your Own Equipment or Borrow from the School |
| 健康體適能 Healthy Fitness | 大慶運動場-重量訓練室 Daqing Sports Field- Weight Training Room | |
| 國際標準舞 Ballroom Dance | 大慶運動場-舞蹈教室 Daqing Sports Field- Dance Studio | 自備鞋底乾淨軟底鞋 Clean Soft-Soled Shoes Required |
| 瑜珈 Yoga | 大慶運動場-舞蹈教室 Daqing Sports Field- Dance Studio | 自備鞋底乾淨軟底鞋 Clean Soft-Soled Shoes Required |

| 項目 (Item) | 場地 (Venue) | 備註 (Remarks) |
|--|---|--|
| 核心運動 Core Movement | 大慶運動場-舞蹈教室 Daqing Sports Field- Dance Studio | 自備鞋底乾淨軟底鞋 Clean Soft-Soled Shoes Required |
| 排舞 Line Dance | 大慶運動場-舞蹈教室 Daqing Sports Field- Dance Studio | 自備鞋底乾淨軟底鞋 Clean Soft-Soled Shoes Required |
| 流行舞蹈 Popular Dance | 大慶運動場-舞蹈教室 Daqing Sports Field- Dance Studio | 自備鞋底乾淨軟底鞋 Clean Soft-Soled Shoes Required |
| 有氧運動 Physical ducation- Aerobic Exercise | 大慶運動場-舞蹈教室 Daqing Sports Field- Dance Studio | 自備鞋底乾淨軟底鞋 Clean Soft-Soled Shoes Required |
| 有氧舞蹈 Aerobics Dance | 大慶運動場-舞蹈教室 Daqing Sports Field- Dance Studio | 自備鞋底乾淨軟底鞋 Clean Soft-Soled Shoes Required |
| 適應體育 Adapt to Sports | 大慶運動場-舞蹈教室 Daqing Sports Field- Dance Studio | 自備鞋底乾淨軟底鞋 Clean Soft-Soled Shoes Required |

二、校外授課場地表：第 1 週至第 3 週於大慶運動場集合

Off-Campus Teaching Venues : Gather at Daqing Sports Field from Week 1 to Week 3.

| 項目 (Item) | 場地 (Venue) | 備註 (Remarks) |
|-----------------|---|--|
| 游泳 Swimming | 南屯運動中心 Nan Tun Sports Center 電話 (TLE) : 04-2382-9120 住址 : 台中市南屯區黎明路一段 998 號 Address : 998, Section 1, Li Ming Road, Nantun District, Taichung City | 自備泳帽、泳裝、水鏡 Bring Your Own Swim Cap, Swimwear, and Goggles |
| 羽球 Badminton | 佳青羽球館 Jiaqing Badminton Hall 電話 (TLE) : 04-22603597 住址 : 台中市南區樹義里福田三街 302 號 2 樓 Address : 302, 2nd Floor, Fu Tian 3rd Street, Shu Yi Village, South District, Taichung City | 器材自備或學校借用 Bring Your Own Equipment or Borrow from the School |

中山醫學大學 114 學年度體育課程

Physical Education Courses for the 114th Academic Year at Chung Shan Medical University

| 科目名稱 Subject name | 英文科目名稱 Course | 開課年級 Starting grade | 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 |
|----------------------|-------------------------------------|------------------------|-------------------------------|-----------------------------|---|---|---------------------------------------|
| 體育-桌球 | Physical Education- Table Tennis | 一、二年級 一、二grade | 必修 Required | 1 | V | V | 共同教育課程 Common Education Courses |
| 體育-排球 | Physical Education- Volleyball | 一、二年級 一、二grade | 必修 Required | 1 | V | V | 共同教育課程 Common Education Courses |
| 體育-游泳 | Physical Education- Swimming | 一、二年級 一、二grade | 必修 Required | 1 | V | V | 共同教育課程 Common Education Courses |
| 體育-足球 | Physical Education- Soccer | 一、二年級 一、二grade | 必修 Required | 1 | V | V | 共同教育課程 Common Education Courses |
| 體育-網球 | Physical Education- Tennis | 一、二年級 一、二grade | 必修 Required | 1 | V | V | 共同教育課程 Common Education Courses |
| 體育-籃球 | Physical Education- Basketball | 一、二年級 一、二grade | 必修 Required | 1 | V | V | 共同教育課程 Common Education Courses |
| 體育-羽球 | Physical Education- Badminton | 一、二年級 一、二grade | 必修 Required | 1 | V | V | 共同教育課程 Common Education Courses |
| 體育-木球 | Physical Education- Woodenball | 一、二年級 一、二grade | 必修 Required | 1 | V | V | 共同教育課程 Common Education Courses |
| 體育-飛盤 | Physical Education- Frisbee | 一、二年級 一、二grade | 必修 Required | 1 | V | V | 共同教育課程 Common Education Courses |
| 體育-瑜珈 | Physical Education- Yoga | 一、二年級 一、二grade | 必修 Required | 1 | V | V | 共同教育課程 Common Education Courses |
| 體育-排舞 | Physical Education- Line Dance | 一、二年級 一、二grade | 必修 Required | 1 | V | V | 共同教育課程 Common Education Courses |

| 科目名稱 Subject name | 英文科目名稱 Course | 開課年級 Starting grade | 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 |
|----------------------|---|------------------------|-------------------------------|-----------------------------|---|---|---------------------------------------|
| 體育-匹克球 | Physical Education- Pickleball | 一、二年級 一、二grade | 必修 Required | 1 | V | V | 共同教育課程 Common Education Courses |
| 體育-高爾夫 | Physical Education- Golf | 一、二年級 一、二grade | 必修 Required | 1 | V | V | 共同教育課程 Common Education Courses |
| 體育-有氧運動 | Physical Education- Aerobic Exercise | 一、二年級 一、二grade | 必修 Required | 1 | V | V | 共同教育課程 Common Education Courses |
| 體育-重量訓練 | Physical Education- Weight Training | 一、二年級 一、二grade | 必修 Required | 1 | V | V | 共同教育課程 Common Education Courses |
| 體育-核心運動 | Physical Education- Core Movement | 一、二年級 一、二grade | 必修 Required | 1 | V | V | 共同教育課程 Common Education Courses |
| 體育-有氧舞蹈 | Physical Education- Aerobics Dance | 一、二年級 一、二grade | 必修 Required | 1 | V | V | 共同教育課程 Common Education Courses |
| 體育-流行舞蹈 | Physical Education- Popular Dance | 一、二年級 一、二grade | 必修 Required | 1 | V | V | 共同教育課程 Common Education Courses |
| 體育-健康體適能 | Physical Education- Healthy Fitness | 一、二年級 一、二grade | 必修 Required | 1 | V | V | 共同教育課程 Common Education Courses |
| 體育-國際標準舞 | Physical Education- Ballroom Dance | 一、二年級 一、二grade | 必修 Required | 1 | V | V | 共同教育課程 Common Education Courses |
| 體育-適應體育 | Physical Education- Adapt to Sports | 一、二年級 一、二grade | 必修 Required | 1 | V | V | 共同教育課程 Common Education Courses |