

慈濟科技大學 105 學年度四年制醫學影像暨放射科學系開課科目及學分時數表

| 科目類別 | 科目 | 總學分 | 時數 | 第一學年 | | | | 第二學年 | | | | 第三學年 | | | | 第四學年 | | | | 註備 |
|---|--|----------|-----|------|------|----|-----|------|-----|----|----|------|----|----|----|------|----|-----|------|----|
| | | | | 上 | | 下 | | 上 | | 下 | | 上 | | 下 | | 上 | | 下 | | |
| | | | | 授課 | 實習 | 授課 | 實習 | 授課 | 實習 | 授課 | 實習 | 授課 | 實習 | 授課 | 實習 | 授課 | 實習 | 授課 | 實習 | |
| 基礎通識 | 國文 | 4 | 4 | 2 | | 2 | | | | | | | | | | | | | 10學分 | |
| | 英文 | 4 | 12 | 1 | | 1 | | 1 | | 1 | | | | | | | | | | |
| | 慈濟人文 | 2 | 2 | | | 2 | | | | | | | | | | | | | | |
| | 勞作教育一 | 0 | 2 | 0 | | | | | | | | | | | | | | | | |
| | 勞作教育二 | 0 | 2 | | | 0 | | | | | | | | | | | | | | |
| | 體育 | 0 | 8 | 0 | | 0 | | 0 | | 0 | | | | | | | | | | |
| 小計 | 10 | 30 | 3/9 | | 5/11 | | 1/5 | | 1/5 | | | | | | | | | | | |
| 核心通識 | 人文與藝術向度 | | | | | | | | | | | | | | | | | | 3選1 | |
| | 1. 語文應用與表達 | 2 | 2 | 2 | | | | | | | | | | | | | | | | |
| | 2. 生命教育 | | | | | | | | | | | | | | | | | | | |
| | 3. 音樂欣賞 | | | | | | | | | | | | | | | | | | | |
| | 公民素養向度 | | | | | | | | | | | | | | | | | | 3選1 | |
| | 1. 憲法與人權 | 2 | 2 | 2 | | | | | | | | | | | | | | | | |
| | 2. 法學緒論 | | | | | | | | | | | | | | | | | | | |
| | 3. 社會與文化 | | | | | | | | | | | | | | | | | | | |
| | 歷史與文化向度 | | | | | | | | | | | | | | | | | | 2選1 | |
| | 1. 中西藝術史導論 | 2 | 2 | | | 2 | | | | | | | | | | | | | | |
| 2. 歷史小說與史學名著選讀 | | | | | | | | | | | | | | | | | | | | |
| 科技與智慧生活向度 | | | | | | | | | | | | | | | | | | 2選1 | | |
| 1. 資訊科技應用 | 2 | 2 | | | 2 | | | | | | | | | | | | | | | |
| 2. 現代生活科技 | | | | | | | | | | | | | | | | | | | | |
| 小計 | 8 | 8 | 4/4 | | 4/4 | | | | | | | | | | | | | | | |
| 說明:核心通識每學期每向度開設 1-3 門課程, 學生每學期擇 2 向度各選修 1 門課, 預計 2 學期選修 4 門課, 共計 8 學分 | | | | | | | | | | | | | | | | | | | | |
| 院級必修 | 計算機概論 | 2 | 2 | | | | | 2 | | | | | | | | | | | | |
| | 小計 | 2 | 2 | | | | | 2 | | | | | | | | | | | | |
| 專業基礎科目 | 普通物理學 | 2 | 2 | 2 | | | | | | | | | | | | | | | | |
| | 普通物理學實驗 | 1 | 2 | | 1 | | | | | | | | | | | | | | | |
| | 普通化學 | 2 | 2 | 2 | | | | | | | | | | | | | | | | |
| | 普通化學實驗 | 1 | 2 | | 1 | | | | | | | | | | | | | | | |
| | 普通生物 | 2 | 2 | | | 2 | | | | | | | | | | | | | | |
| | 普通生物實驗 | 1 | 2 | | | 1 | | | | | | | | | | | | | | |
| | 微積分(一) | 2 | 2 | 2 | | | | | | | | | | | | | | | | |
| | 微積分(二) | 2 | 2 | | | 2 | | | | | | | | | | | | | | |
| | 應用數學 | 2 | 2 | | | | 2 | | | | | | | | | | | | | |
| | 醫用電子電路學 | 2 | 2 | | | 2 | | | | | | | | | | | | | | |
| | 放射物理學(一) | 2 | 2 | | | 2 | | | | | | | | | | | | | | |
| | 放射物理學(二) | 2 | 2 | | | | 2 | | | | | | | | | | | | | |
| | 放射化學 | 2 | 2 | | | | | 2 | | | | | | | | | | | | |
| | 放射生物學 | 2 | 2 | | | | 2 | | | | | | | | | | | | | |
| 解剖學 | 4 | 4 | | | | 4 | | | | | | | | | | | | | | |
| 生理學 | 3 | 3 | | | | | 3 | | | | | | | | | | | | | |
| 病理學 | 2 | 2 | | | | | | 2 | | | | | | | | | | | | |
| 小計 | 34 | 37 | 6 | 2 | 8 | 1 | 10 | 0 | 5 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | | | |
| 專業核心科目 | 放射診斷器材學 | 3 | 3 | | | | 3 | | | | | | | | | | | | | |
| | 放射切面解剖學 | 1 | 1 | | | | | 1 | | | | | | | | | | | | |
| | 放射治療物理學 | 2 | 2 | | | | | 2 | | | | | | | | | | | | |
| | 放射診斷技術學(一) | 2 | 2 | | | | | 2 | | | | | | | | | | | | |
| | 輻射安全學 | 2 | 2 | | | | | 2 | | | | | | | | | | | | |
| | 核子醫學藥物學 | 2 | 2 | | | | | | | 2 | | | | | | | | | | |
| | 核子醫學器材學 | 2 | 2 | | | | | | | 2 | | | | | | | | | | |
| | 超音波學 | 2 | 2 | | | | | | | 2 | | | | | | | | | | |
| | 磁共振影學 | 2 | 2 | | | | | | | 2 | | | | | | | | | | |
| | 放射診斷技術學(二) | 2 | 2 | | | | | | | 2 | | | | | | | | | | |
| | 電腦斷層影像診斷學 | 2 | 2 | | | | | | | 2 | | | | | | | | | | |
| | 醫學影像診斷學 | 2 | 2 | | | | | | | | 2 | | | | | | | | | |
| | 醫學影像品質管制 | 2 | 2 | | | | | | | | 2 | | | | | | | | | |
| | 醫學影像處理 | 2 | 2 | | | | | | | | 2 | | | | | | | | | |
| | 醫學影像儲傳系統 | 1 | 1 | | | | | | | | 1 | | | | | | | | | |
| | 特殊攝影技術學 | 2 | 2 | | | | | | | | 2 | | | | | | | | | |
| | 放射治療技術學 | 3 | 3 | | | | | | | | 3 | | | | | | | | | |
| | 放射治療器材學 | 2 | 2 | | | | | | | | 2 | | | | | | | | | |
| | 核子醫學技術學 | 3 | 3 | | | | | | | | 3 | | | | | | | | | |
| | 放射治療品質管制 | 1 | 1 | | | | | | | | 1 | | | | | | | | | |
| | 放射診斷技術實習 | 6 | 20 | | | | | | | | | | | | 6 | | | | | |
| | 放射治療技術實習 | 3 | 10 | | | | | | | | | | | | 3 | | | | | |
| | 核子醫學技術實習 | 3 | 10 | | | | | | | | | | | | 3 | | | | | |
| 書報討論 | 1 | 2 | | | | | | | | | | | | | | 1 | | | | |
| 小計 | 53 | 82 | 0 | 0 | 0 | 0 | 3 | 0 | 7 | 0 | 12 | 0 | 18 | 0 | 0 | 12 | 1 | 0 | | |
| 選修科目 | 專業選修 | 15 | 15 | | | | | | | | | | | | | | | | | |
| | 通識選修 | 10 | 10 | | | | | | | | | | | | | | | | | |
| 總計 | 必修學分數 | 107 | 159 | 13 | 2 | 17 | 1 | 16 | 0 | 13 | 0 | 14 | 0 | 18 | 0 | 0 | 12 | 1 | 0 | |
| | 選修最低學分數 | 25 | 25 | | | | | | | | | | | | | | | | | |
| 畢業最低學分數(時數) | | 132(184) | | | | | | | | | | | | | | | | | | |
| 備註 | <p>一、依「慈濟科技大學四技部英語必修課程實施辦法」辦理英文分級安置測驗, 分為「英文基礎級」、「英文普通級」、「英文進修級」, 三級分班教學。</p> <p>二、四技部學生須選習通識五大向度(人文與藝術、公民素養、歷史與文化、生命科學與環境、科技與智慧生活)選修科目至少各一門, 合計 10 學分 (105 學年度入學新生適用)。</p> <p>三、本系學生畢業門檻如下</p> <ol style="list-style-type: none"> 1. 須通過「資訊基本能力檢測」 2. 須通過「英檢畢業門檻」 3. 須通過「國語文基本能力畢業門檻」 4. 須通過「通識博雅講座畢業門檻」 5. 須通過「游泳能力檢測畢業門檻」 6. 須通過「勞作教育畢業門檻」 <p>四、本表如有變動或與開課狀況不同, 一律以醫學影像暨放射科學系實際開課科目及學分時數為準。</p> | | | | | | | | | | | | | | | | | | | |