

| 長庚科技大學 | | | | | | | | | | | | 111學年度第2學期第2次所課程委員會通過(112.5.08) | | | |
|---------------------------------|---------------------------------|---|--|--------|-----|----|------|-----|------|-----|-----|---------------------------------|-----|----|--|
| 健康產業科技研究所碩士班課程科目表(112學年度入學學生適用) | | | | | | | | | | | | | | | |
| 類別 | 群組 | 科目名稱 | 英文科目名稱 | 科目代號 | 學分數 | 時數 | 第一學年 | | 第二學年 | | | | | | |
| | | | | | | | 學分 | 時數 | 學分 | 時數 | 學分 | 時數 | 學分 | 時數 | |
| 共同必修 | 共同必修 | 健康科技專題討論(一) | Health Technology Seminar (I) | IM0010 | 1 | 1 | 1 | 1 | | | | | | | |
| | | 健康科技專題討論(二) | Health Technology Seminar (II) | IM0011 | 1 | 1 | | | 1 | 1 | | | | | |
| | | 民生產業專題討論(一) | Human Ecology Industry Seminar (I) | IM0012 | 1 | 1 | | | | | 1 | 1 | | | |
| | | 民生產業專題討論(二) | Human Ecology Industry Seminar (II) | IM0013 | 1 | 1 | | | | | | 1 | 1 | | |
| | | 健康產業特論 | Special Topic in Health Industry | IM0002 | 2 | 2 | 2 | 2 | | | | | | | |
| | | 碩士論文 | Thesis | IM0007 | 6 | 6 | | | | | | | 6/6 | | |
| | | | | | 12 | 12 | | | | | | | | | |
| 專業模組選修 | 營養與生物醫學組 | 生物技術特論及應用 | Special Topic in Biotechnology and Application | IMA019 | 2 | 2 | | | 2/2 | | | | | | |
| | | 健康免疫學特論 | Special Topic in Health Immunology | IMA021 | 2 | 2 | | | 2/2 | | | | | | |
| | | 分子生物學及實驗 | Molecular Biology and Laboratory | IMA025 | 2 | 2 | | | 2/2 | | | | | | |
| | | 保健營養特論 | Special Topic in Health and Nutrition | IMA013 | 2 | 2 | | | 2/2 | | | | | | |
| | | 保健食品功能性評估 | Assessing the Functional Health Foods | IMA006 | 2 | 2 | | | | | 2/2 | | | | |
| | | 細胞生物學 | Cell Biology | IMA017 | 2 | 2 | | | | | 2/2 | | | | |
| | | 腫瘤生物學 | Cancer biology | IMA027 | 2 | 2 | | | | | 2/2 | | | | |
| | 營養科學研究法 | Nutritional Science Research Methods | | 2 | 2 | | | 2/2 | | | | | | | |
| | | | | 16 | 16 | | | | | | | | | | |
| | 妝品美容與天然藥物組 | 天然藥物概論 | Introduction of Natural Medicinal Products | IMA002 | 2 | 2 | | | 2/2 | | | | | | |
| | | 皮膚科學特論 | Special Topic in Science of Skin | IMA032 | 2 | 2 | | | 2/2 | | | | | | |
| | | 中醫藥與藥用植物特論 | Special Topic in Traditional Chinese Medicine and Medicinal Plants | IMA042 | 2 | 2 | | | 2/2 | | | | | | |
| | | 天然物分離技術暨實驗 | Natural Products Isolation and Experiment | IMA045 | 2 | 2 | | | | | 2/2 | | | | |
| | | 藥用化妝品特論 | Special Topic in Cosmeceuticals | IMA004 | 2 | 2 | | | 2/2 | | | | | | |
| 美容及保健生技特論 | | Special Topic in Beauty and Health Care Biotechnology | IMA008 | 2 | 2 | | | | | 2/2 | | | | | |
| 中草藥醫學文獻選讀(英文授課) | | The Selected Readings of Chinese Herbal Medicine | IMA037 | 2 | 2 | | | | | 2/2 | | | | | |
| 化粧品市場趨勢分析 | Cosmetics Market Trend Analysis | | 2 | 2 | | | | | 2/2 | | | | | | |
| | 小計 | | 16 | 16 | | | | | | | | | | | |
| 食品科學與安全檢驗組 | 食品物性學 | Physical Properties of Foods | IMA033 | 2 | 2 | | | 2/2 | | | | | | | |
| | 檢驗方法開發與評估 | Development and Evaluation of Testing Methods | IMA022 | 2 | 2 | | | 2/2 | | | | | | | |
| | 基礎檢驗分析實務操作 | Practical Operation of Testing Analytics | IMA023 | 2 | 2 | | | 2/2 | | | | | | | |
| | 健康產品研發實務 | Practice on Health Product Research and Development | IMA014 | 2 | 2 | | | | | 2/2 | | | | | |
| | 儀器分析與實務應用 | Instrumental Analysis and Applications | IMA007 | 2 | 2 | | | | | 2/2 | | | | | |
| | 高齡膳食質地概論 | The Introduction to The Dietary Texture of Elder | IMA039 | 2 | 2 | | | | | 2/2 | | | | | |
| | 臨床生化檢驗分析 | Clinical Biochemistry | IMA029 | 2 | 2 | | | | | 2/2 | | | | | |
| 保健食品開發 | Health Food Development | | 2 | 2 | | | 2/2 | | | | | | | | |
| | 小計 | | 16 | 16 | | | | | | | | | | | |
| 共同必修暨專業模組選修學分合計 | | | | | 20 | 20 | | | | | | | | | |
| 共同選修 | 共同選修 | 臨床試驗法規與實務 | Regulations and Implementations of Clinical Trials | IMA009 | 2 | 2 | | | 2/2 | | | | | | |
| | | 研究方法與倫理 | Research Method and Ethics | IMA018 | 2 | 2 | | | 2/2 | | | | | | |
| | | 生技實務與專利 | Biotechnology and Patent | IMA016 | 2 | 2 | | | 2/2 | | | | | | |
| | | 英文論文閱讀與寫作 | Research Papers Reading and Writing | IMA020 | 2 | 2 | | | 2/2 | | | | | | |
| | | 分子醫學特論 | Special Topic in Molecular Medicine | IMA031 | 2 | 2 | | | 2/2 | | | | | | |
| | | 健康人工智能應用與操作 | Health AI application and practice | IMA043 | 2 | 2 | | | 2/2 | | | | | | |
| | | 現代生物醫學特論 | Special Topic in Modern Biomedical Sciences | IMA034 | 2 | 2 | | | | | 2/2 | | | | |
| | | 藥物檢驗分析與實務 | Drug Analysis and Applications | IMA030 | 2 | 2 | | | | | 2/2 | | | | |
| | | 藥效學特論 | Special Topic in Pharmacodynamics | IMA044 | 2 | 2 | | | | | 2/2 | | | | |
| | | 生醫大數據實務 | Biomedical Big Data Practice | IMA046 | 2 | 2 | | | | | 2/2 | | | | |
| | | 訊息傳遞特論及實務應用 | Special Topic in Signal Transduction and Its Practical Application | IMA028 | 2 | 2 | | | | | 2/2 | | | | |
| | | 儀器分析實驗 | Instrumental Analysis Laboratory | IMA026 | 2 | 2 | | | | | 2/2 | | | | |
| 共同選修學分小計 | | | | | 18 | 18 | | | | | | | | | |
| 畢業學分總計 | | | | | 30 | 30 | | | | | | | | | |

畢業條件：須符合下列各項條件始得畢業。

1. 應修學分

(1) 需修滿30學分，包含共同必修課程12學分，專業模組選修8學分，其他選修課程10學分。

(2) 學生得自由選修跨模組、跨所、跨院、跨校、跨領域課程10學分，認為畢業學分。

2. 本所規定

(1) 碩士期間內至少參加一次國內/外所舉辦論文壁報競賽。

(2) 申請學位考試前應完成至少6小時學術倫理教育課程研習。

