

中臺科技大學大學部四年制日間部 107 學年度視光系入學課程標準表

1070313系課程委員會會議通過
 1070329院課程委員會會議審議通過
 1070411校課程委員會會議修訂通過
 1080314聯合系所課程委員會會議修訂通過
 1080327院課程委員會會議審議通過
 1080410校課程委員會會議修訂通過
 1090225聯合系所課程委員會會議修訂通過
 1090304院課程委員會會議審議通過
 1090401校課程委員會會議審議通過

| 科目類別 | 科目名稱 | 學分數 | 時數 | 第一學年 | | 第二學年 | | 第三學年 | | 第四學年 | | 備註 | | | | | | |
|--|---|-----------|-----------|-----------|-----------|-----------|----------|----------|----------|----------|-----------|----------|-----------|----------|----------|-----------|----------|----------|
| | | | | 上 | 下 | 上 | 下 | 上 | 下 | 上 | 下 | | | | | | | |
| | | | | 授課 | 實習 | 授課 | 實習 | 授課 | 實習 | 授課 | 實習 | | | | | | | |
| 基本素養 | 文學與人生 Literature and Life | 2 | 2 | 2 | | | | | | | | | | | | | | |
| | 大一英文(一) Freshman English (I) | 2 | 2 | 2 | | | | | | | | | | | | | | |
| | 普通化學 General Chemistry | 2 | 2 | 2 | | | | | | | | | | | | | | |
| | 資訊科技與應用 Information Technology and Application | 2 | 2 | 2 | | | | | | | | 電腦課程 | | | | | | |
| | 大一英文(二) Freshman English (II) | 2 | 2 | | 2 | | | | | | | | | | | | | |
| | 人際關係與溝通 Interpersonal Relationship and Communication | 2 | 2 | | 2 | | | | | | | | | | | | | |
| | 文學領域 Literature Studies | 2 | 2 | | 2 | | | | | | | | | | | | | |
| | 實用生活美學 Life Aesthetics | 2 | 2 | | 2 | | | | | | | | | | | | | |
| | 普通生物學 General Biology | 2 | 2 | | 2 | | | | | | | | | | | | | |
| | 時間、空間、多元文化 Multi-cultures | 2 | 2 | | | | | 2 | | | | | | | | | | |
| | 法律學概論 Introduction to Law | 2 | 2 | | | | | | 2 | | | | | | | | | |
| | 文化領域 Cultural Studies | 2 | 2 | | | | | | 2 | | | | | | | | | |
| | 生活與服務 Life and Service | 0 | 0 | | | | 0 | | | | | | | | | | | |
| 小計(1) | 24 | 24 | 8 | 0 | 10 | 0 | 0 | 0 | 0 | 2 | 0 | 4 | 0 | 0 | 0 | 0 | | |
| 軍訓與體育 | 全民國防教育軍事訓練-國防科技 Military Training of the National Defense Education (International Situation) | 0 | 2 | 2 | | | | | | | | | | | | | | |
| | 體育(一) Physical Education (I) | 1 | 2 | 2 | | | | | | | | | | | | | | |
| | 體育(二) Physical Education (II) | 1 | 2 | | 2 | | | | | | | | | | | | | |
| | 體育(三) Physical Education (III) | 0 | 2 | | | 2 | | | | | | | | | | | | |
| 小計(2) | 2 | 8 | 4 | 0 | 2 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| 通識教養教育小計(一)=小計(1)+(2) | | 26 | 32 | 12 | 0 | 12 | 0 | 2 | 0 | 0 | 0 | 2 | 0 | 4 | 0 | 0 | 0 | |
| 核心基礎 | 普通物理學 General Physics | 2 | 2 | 2 | | | | | | | | | | | | | | |
| | 普通物理學實驗 General Physics Experiment | 1 | 2 | | 2 | | | | | | | | | | | | | |
| | 普通化學實驗 General Chemistry Experiment | 1 | 2 | | 2 | | | | | | | | | | | | | |
| | 微積分 Calculus | 2 | 2 | | 2 | | | | | | | | | | | | | |
| | 有機化學 Organic Chemistry | 2 | 2 | | 2 | | | | | | | | | | | | | |
| | 普通生物學實驗 General Biology Experiment | 1 | 2 | | | 2 | | | | | | | | | | | | |
| | 眼球的解剖與組織學 Ocular Anatomy and Histology | 2 | 2 | | | 2 | | | | | | | | | | | | |
| | 生物化學 Biochemistry | 2 | 2 | | | 2 | | | | | | | | | | | | |
| | 眼球的解剖與組織學實驗 Ocular Anatomy and Histology Experiment | 1 | 2 | | | | 2 | | | | | | | | | | | |
| | 微生物學 Microbiology | 2 | 2 | | | | | | | | 2 | | | | | | | |
| 小計(3) | 16 | 20 | 2 | 4 | 4 | 2 | 4 | 2 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | | |
| 專業必修 | 幾何光學 Geometric Optics | 2 | 2 | | 2 | | | | | | | | | | | | 證照輔導 | |
| | 基礎驗光學 Basic Optometry | 2 | 2 | | | 2 | | | | | | | | | | | | |
| | 鏡片材料與鍍膜 Ophthalmic Lens Materials and Coating | 2 | 2 | | | 2 | | | | | | | | | | | | |
| | 基礎配鏡學 Basic Ophthalmic Lens Dispensing | 2 | 2 | | | 2 | | | | | | | | | | | | |
| | 鏡片光學 Ophthalmic Lens Optics | 2 | 2 | | | 2 | | | | | | | | | | | | |
| | 基礎驗光學實驗 Basic Optometry Experiment | 1 | 2 | | | | 2 | | | | | | | | | | | |
| | 基礎配鏡學實驗 Basic Ophthalmic Lens Dispensing Experiment | 1 | 2 | | | | 2 | | | | | | | | | | | |
| | 眼球與人體生理學 Eye and Human Physiology | 2 | 2 | | | | | 2 | | | | | | | | | | |
| | 進階驗光學 Advanced Optometry | 2 | 2 | | | | | 2 | | | | | | | | | | |
| | 進階配鏡學 Advanced Ophthalmic Lens Dispensing | 2 | 2 | | | | | 2 | | | | | | | | | | |
| | 進階驗光學實驗 Advanced Optometry Experiment | 1 | 2 | | | | | | 2 | | | | | | | | 內含「服務學習」 | |
| | 眼球與人體生理學實驗 Eye and Human Physiology Experiment | 1 | 2 | | | | | | 2 | | | | | | | | | |
| | 進階配鏡學實驗 Advanced Ophthalmic Lens Dispensing Experiment | 1 | 2 | | | | | | 2 | | | | | | | | | |
| | 職業倫理與法規 Professional Ethics and Regulations | 2 | 2 | | | | | | | 2 | | | | | | | 內含驗光人員法規 | |
| | 眼鏡光學 Ophthalmic Lens Optics | 2 | 2 | | | | | | | 2 | | | | | | | | |
| | 基礎藥理學 Basic Pharmacology | 2 | 2 | | | | | | | 2 | | | | | | | | |
| | 雙眼驗光學 Binocular Optometry | 2 | 2 | | | | | | | 2 | | | | | | | | |
| | 基礎隱形眼鏡學 Introduction to Contact Lens | 2 | 2 | | | | | | | 2 | | | | | | | | |
| | 眼病理學 Ocular Pathology | 2 | 2 | | | | | | | 2 | | | | | | | | |
| | 視光英文 Optometric English | 2 | 2 | | | | | | | 2 | | | | | | | | |
| | 雙眼驗光學實驗 Binocular Optometry Experiment | 1 | 2 | | | | | | | | 2 | | | | | | | |
| | 基礎隱形眼鏡學實驗 Introduction to Contact Lens Experiment | 1 | 2 | | | | | | | | 2 | | | | | | | |
| | 門市管理 Store Operation Management | 2 | 2 | | | | | | | | | 2 | | | | | | |
| 視覺光學 Visual optics | 2 | 2 | | | | | | | | | 2 | | | | | | | |
| 臨床視光學 Clinical Optometry | 2 | 2 | | | | | | | | | 2 | | | | | | | |
| 低視力學 Low Vision | 2 | 2 | | | | | | | | | 2 | | | | | | | |
| 進階隱形眼鏡學 Advanced Contact Lens | 2 | 2 | | | | | | | | | 2 | | | | | | | |
| 視光臨床實務 Clinical Practice in Optometry | 2 | 2 | | | | | | | | | 2 | | | | | | | |
| 臨床視光學實驗 Clinical Optometry Experiment | 1 | 2 | | | | | | | | | | 2 | | | | 內含敘事力計畫 | | |
| 進階隱形眼鏡學實驗 Advanced Contact Lens Experiment | 1 | 2 | | | | | | | | | | 2 | | | | | | |
| 眼視光實習(一) Optometry Internship (I) | 5 | 10 | | | | | | | | | | | | 10 | | 校外實習8週 | | |
| 眼視光實習(二) Optometry Internship (II) | 5 | 10 | | | | | | | | | | | | 10 | | 校外實習8週 | | |
| 視覺科學 Visual Science | 2 | 2 | | | | | | | | | | | | | 2 | | | |
| 小計(4) | 63 | 82 | 0 | 0 | 2 | 0 | 8 | 4 | 6 | 6 | 14 | 4 | 12 | 4 | 0 | 20 | 2 | 0 |

中臺科技大學大學部四年制日間部 107 學年度視光系入學課程標準表

1070313系課程委員會會議通過
 1070329院課程委員會會議審議通過
 1070411校課程委員會會議修訂通過
 1080314聯合系所課程委員會會議修訂通過
 1080327院課程委員會會議審議通過
 1080410校課程委員會會議修訂通過
 1090225聯合系所課程委員會會議修訂通過
 1090304院課程委員會會議審議通過
 1090401校課程委員會會議審議通過

| 科目類別 | 科目名稱 | 學分數 | 時數 | 第一學年 | | 第二學年 | | 第三學年 | | 第四學年 | | 備註 | | | | | | | |
|--|--|------------|------------|-----------|----------|-----------|----------|-----------|----------|-----------|----------|-----------|----------|-----------|----------|----------|-----------|-----------|----------|
| | | | | 上 | 下 | 上 | 下 | 上 | 下 | 上 | 下 | | | | | | | | |
| | | | | 授課 | 實習 | 授課 | 實習 | 授課 | 實習 | 授課 | 實習 | | | | | | | | |
| 專業必修小計(二)=小計(3)+(4) | | 79 | 102 | 2 | 4 | 6 | 2 | 12 | 6 | 6 | 6 | 14 | 4 | 14 | 4 | 0 | 20 | 2 | 0 |
| 必修合計(A)=小計(一)+(二) | | 105 | 134 | 14 | 4 | 18 | 2 | 14 | 6 | 6 | 6 | 16 | 4 | 18 | 4 | 0 | 20 | 2 | 0 |
| 博學涵養 | 發展通識 Advanced General Education | 2 | 2 | | | | | 2 | | | | | | | | | | | |
| | 發展通識 Advanced General Education | 2 | 2 | | | | | | 2 | | | | | | | | | | |
| 小計(5) | | 4 | 4 | 0 | 0 | 0 | 0 | 2 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 選修 | 應用視覺美學 Applied Aesthetic | 2 | 2 | 2 | | | | | | | | | | | | | | | |
| | 生物統計學 Biostatistics | 2 | 2 | 2 | | | | | | | | | | | | | | | |
| | 基礎驗光學實驗方法導論 Basic Optometry Experiment Method and | 1 | 1 | | | | | 1 | | | | | | | | | | | |
| | 基礎配鏡學實驗方法導論 Basic Ophthalmic Lens Dispensing Experiment Method and Discussion | 1 | 1 | | | | | 1 | | | | | | | | | | | |
| | 眼鏡門市空間設計與裝潢 Optical Retail Interior Design and Renovation | 2 | 2 | | | | | 2 | | | | | | | | | | | |
| | 進階驗光學實驗方法導論 Advanced Optometry Experiment Method and Discussion | 1 | 1 | | | | | | 1 | | | | | | | | | | |
| | 公共衛生學 Public Health | 2 | 2 | | | | | | 2 | | | | | | | | | | |
| | 環境視覺學 Environmental Vision | 2 | 2 | | | | | | 2 | | | | | | | | | | |
| | 進階配鏡學實驗方法導論 Advanced Ophthalmic Lens Dispensing Experiment Method and Discussion | 1 | 1 | | | | | | 1 | | | | | | | | | | |
| | 視光儀器學概論 Introduction to Optometry Instruments | 2 | 2 | | | | | | 2 | | | | | | | | | | |
| | 視光遺傳學 Optometric Genetics | 2 | 2 | | | | | | | | 2 | | | | | | | | |
| | 基礎視覺色彩學 Basic Visual Color Science | 2 | 2 | | | | | | | | 2 | | | | | | | | |
| | 網路行銷概論 Introduction to Internet Marketing | 2 | 2 | | | | | | | | 2 | | | | | | | | |
| | 視覺光學設計概論 Introduction to Visual Optics Design | 2 | 2 | | | | | | | | | 2 | | | | | | | |
| | ◎臨床視覺光學與屈光實務 Clinical Visual Optics and Optometry Practice | 2 | 2 | | | | | | | | | 2 | | | | | | | |
| | ◎隱形眼鏡專題討論 Seminar in Contact Lenses | 2 | 2 | | | | | | | | | | | | | | | 2 | |
| | ◎視光學專題討論 Seminar in Optometry | 2 | 2 | | | | | | | | | | | | | | | 2 | |
| | ◎低視力學專題討論 Seminar in Low Vision | 2 | 2 | | | | | | | | | | | | | | | 2 | |
| | ◎視覺光學專題討論 Seminar in Visual Optics | 2 | 2 | | | | | | | | | | | | | | | 2 | |
| | ◎眼球解剖生理學專題討論 Seminar in Anatomy and Physiology of Eyeball | 2 | 2 | | | | | | | | | | | | | | | 2 | |
| 生醫光電概論 Introduction to Biophotonics | 2 | 2 | | | | | | | | | | | | | | | 2 | 含眼用雷射醫學基礎 | |
| 視覺知覺概論 Introduction to Visual perception | 2 | 2 | | | | | | | | | | | | | | | 2 | | |
| 小型企業管理學 Small Business Management | 2 | 2 | | | | | | | | | | | | | | | 2 | | |
| 視光流行病學 Epidemiology of Optometry | 2 | 2 | | | | | | | | | | | | | | | 2 | | |
| 小計(6) | | 44 | 44 | 4 | 0 | 0 | 0 | 4 | 0 | 8 | 0 | 6 | 0 | 4 | 0 | 0 | 0 | 18 | 0 |
| 選修合計(B)=小計(5)+(6) | | 48 | 48 | 4 | 0 | 0 | 0 | 6 | 0 | 10 | 0 | 6 | 0 | 4 | 0 | 0 | 0 | 18 | 0 |
| 開課合計=必修(A)+選修(B) | | 153 | 182 | 18 | 4 | 18 | 2 | 20 | 6 | 16 | 6 | 22 | 4 | 22 | 4 | 0 | 20 | 20 | 0 |

畢業相關規定說明：

- 一 最低畢業學分為128學分，必修105學分【含基本素養24學分(文學領域與文化領域各2學分)、軍訓與體育2學分、專業必修79學分】，博學涵養4學分，選修至少19學分。
- 二 每學期修業學分數之限制，一、二年級16-26學分；三、四年級10-26學分。加註◎之課目須優先選修，以利相關課程之銜接。
- 三 畢業前需取得本校「資訊能力」畢業資格審定暨實施要點所列之資訊相關證照，始得畢業。
- 四 有關英文畢業門檻之相關規定，依照「中臺科技大學大學部英(日)文畢業門檻實施要點」之規定辦理。
- 五 畢業前需修完普通化學「General Chemistry」2學分、普通生物學「General Biology」2學分、生物統計學「Biostatistics」2學分 三項健康科學院院訂共同課程；普通化學、普通生物學需及格、生物統計學(或統計學概論)為選修需有修讀紀錄，始得畢業。
- 六 電腦課程須繳交電腦實習費。
- 七 在本校就學期間必須取得心肺復甦術(CPR)畢業門檻之相關規定，依照「中臺科技大學健康科學院心肺復甦術(CPR)證照畢業門檻實施要點」之相關規定辦理。
- 八 依據衛福部「專門職業及技術人員高等暨普通考試驗光師及驗光生考試實習認定基準」，民國 111 年 8 月 1 日以後畢業者。其實習項目須包含：驗光所實習 8 週(320小時)、眼科醫療機構實習 8 週(320小時)。