

明志科技大學

環境與安全衛生工程系「永續創新農業學分學程」課程表

103~105 學年度入學適用

| 編號 | 課程名稱 | 學分/時數 |
|-----------------------|---|-------|
| 核心專業必修 (9 學分) | | |
| 1 | 有機化學(Organic Chemistry) | 3/3 |
| 2 | 環境微生物學(Environmental Microbiology) | 3/3 |
| 3 | 廢棄物處理(Solid Waste Treatment and Disposal) | 3/3 |
| 專業選修課程 (9 學分) | | |
| 1 | 環境科學概論(Introduction to Environmental Science) | 3/3 |
| 2 | 質能均衡(Mass and Energy Balances) | 3/3 |
| 3 | 資源回收(Resource Recovery) | 3/3 |
| 4 | 熱處理技術(Thermal Treatment Technology) | 3/3 |
| 5 | 環境生物技術(Environmental Biotechnology) | 3/3 |
| 6 | 儀器分析(Instrumental Analysis) | 3/3 |
| 7 | 儀器分析實驗(Instrumental Analysis Experiment) | 1/3 |
| 8 | 電腦在環境工程上的應用(Application of Computer on Environmental Engineering) | 3/3 |
| 實作必修課程 (10 學分) | | |
| 1 | 環境監測實驗(Environmental Monitoring Experiment) | 1/3 |
| 2 | 環境微生物學實驗(Environmental Microbiology Experiment) | 1/3 |
| 3 | 生物肥料製備與應用(Biofertilizer production and application) | 3/3 |
| 4 | 廢棄物資源化工程(Waste Resourcization Engineering) | 3/3 |
| 5 | 產業實務專題(1)(Industry Practical Training (1)) | 1/3 |
| 6 | 產業實務專題(2)(Industry Practical Training (2)) | 1/3 |