國立屏東科技大學 **土壤與水工程國際碩士學位學程** 課程規劃表(109學年度)

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 學年 | 第一學年 | | | | | | 第二學年 | | | | | | 學分 總計 |
| 學期 | 第一學期 | | | 第二學期 | | | 第一學期 | | | 第二學期 | | |
| 修別 | 科目 | 永久碼 | 學分/時數 | 科目 | 永久碼 | 學分/時數 | 科目 | 永久碼 | 學分/時數 | 科目 | 永久碼 | 學分/時數 |
| 必修 | 專題討論  應用華語(外籍生) | 30039  30418 | 1/2  0/2 | 專題討論 | 30039 | 1/2 | 專題討論  碩士論文 | 30039  30057 | 0/2  6/6 | 專題討論 | 30039 | 0/2 |  |
| 小計 |  | 本國生  外籍生 | 1/2  1/4 |  |  | 1/2 |  |  | 6/8 |  |  | 0/2 | 8 |
| 選修 | 灌溉專題  灌溉排水實習(1)  中等水文學  遙測及地理資訊系統  颱洪災害分析及減災策略  專題研究(1) | 22169  30731  30725  30735  30726  40717 | 3/3  1/2  3/3  3/3  3/3  3/3 | 排水專題  灌溉排水實習(2)  高等統計學  土砂災害分析與減災策略  科技論文寫作  專題研究(2)  水土保持工程概論 | 22168  30732  40644  30727  30730  40718  30837 | 3/3  1/2  3/3  3/3  3/3  3/3  2/2 | 災害風險評估  水資源規劃與管理  水文模擬分析與預測 | 30728  55227  30729 | 3/3  3/3  3/3 |  |  |  |  |
| 小計 |  | | 16/17 |  | | 18/19 |  | | 9/9 |  | |  | 43 |

註：學生至少應修滿 **32**學分始得畢業(其中必修應修 **8** 學分，選修應修 **24**學分)

**National Pingtung University of Science and Technology**

**International Master’s Degree Program in Soil and Water Engineering Course Outline**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Year | First | | | | | | Second | | | | | | Cr. Pt. |
| Semester | Fall | | | Spring | | | Fall | | | Spring | | |
|  | Course |  | Cr/hr. | Course |  | Cr/hr. | Course |  | Cr/hr. | Course |  | Cr/hr. |
| Compulsory Courses | Seminar  **Applied Mandarin** | 30039  **30418** | 1/2  **0/2** | Seminar | 30039 | 1/2 | Seminar  **Thesis** | 30039  **30057** | 0/2  **6/6** | Seminar | 30039 | 0/2 |  |
| Total Cr. | Taiwanese students  Foreign students |  | 1/2  1/4 |  |  | 1/2 |  |  | 6/8 |  |  | 0/2 | 8 |
| Optional Courses | Special Topic On Irrigation  **Irrigation and Drainage Practice (1)**  Intermediate Hydrology  Application Of Remote  **Sensing and Geographic Information System**  Flood Disaster Analysis And Mitigation Strategies  **Special Study(1)** | 22169  **30731**  30725  **30735**  30726  **40717** | 3/3  **1/2**  3/3  **3/3**  3/3  **3/3** | Special Topic on Drainage  **Irrigation and Drainage Practice (2)**  Advanced Statistics  **Large-Scale Sediment Disaster Analysis and Mitigation Strategies**  Technology English Writing  **Special Study(2)**  Introduction to Soil and Water Conservation Engineering | 22168  **30732**  40644  **30727**  30730  **40718**  30837 | 3/3  **1/2**  3/3  **3/3**  3/3  **3/3**  2/2 | Risk Evaluation In Natural Disasters  **Water Resources Planning And Management**  Hydrological System Simulation And Forecasting | 30728  **55227**  30729 | 3/3  **3/3**  3/3 |  |  |  |  |
| Cr. Pt. |  | | 16/17 |  | | 18/19 |  | | 9/9 |  | |  | 43 |

Note:

1. All students have to acquire at least **32** credit points, including **8** credit points for compulsory courses and at least **24** credit points for optional courses, before graduation.