



# 課 綱 Course Outline

## 自然資源與環境學系博士班

|                                       |                                                                                                                                                        |                  |               |                                                                                         |     |
|---------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|---------------|-----------------------------------------------------------------------------------------|-----|
| 中文課程名稱<br>Course Name in Chinese      | 專題演講                                                                                                                                                   |                  |               |                                                                                         |     |
| 英文課程名稱<br>Course Name in English      | Colloquium                                                                                                                                             |                  |               |                                                                                         |     |
| 科目代碼<br>Course Code                   | NRES71250                                                                                                                                              | 班 別<br>Degree    | 博士班<br>Ph. D. |                                                                                         |     |
| 修別<br>Type                            | 必修<br>Required                                                                                                                                         | 學分數<br>Credit(s) | 0.0           | 時 數<br>Hour(s)                                                                          | 0.0 |
| 先修課程<br>Prerequisite                  |                                                                                                                                                        |                  |               |                                                                                         |     |
| 課程目標<br>Course Objectives             |                                                                                                                                                        |                  |               |                                                                                         |     |
| 本課程之目標在使學生了解環境學院之現況與發展方向，以作為科學研究之基礎。  |                                                                                                                                                        |                  |               |                                                                                         |     |
| 系教育目標<br>Dept.'s Education Objectives |                                                                                                                                                        |                  |               |                                                                                         |     |
| 1                                     | 培養兼具國際視野與本土關懷的學生<br>To develop students who care about local issues and have an international perspective                                              |                  |               |                                                                                         |     |
| 2                                     | 培養具備自然科學與社會科學知識的人才<br>To educate students to have knowledge of both the natural and social sciences                                                    |                  |               |                                                                                         |     |
| 3                                     | 培養具備環境倫理與人文素養的環境公民<br>To teach students to be environmental citizens (i.e., knowledgeable about environmental ethics and human issues)                 |                  |               |                                                                                         |     |
| 系專業能力<br>Basic Learning Outcomes      |                                                                                                                                                        |                  |               | 課程目標與系專業能力相關性<br>Correlation between Course Objectives and Dept.'s Education Objectives |     |
| A                                     | 具備自然科學與社會科學的研究能力，並了解各種研究典範所蘊含的哲學基礎與世界觀<br>To prepare the students with the ability to understand the natural and social science theories and paradigms |                  |               |                                                                                         |     |
| B                                     | 具備環境倫理與整全的生態哲思，並有能力轉化為思想論述與社會實踐<br>To instill comprehensive consideration of environmental ethics, ecological principles and social practice           |                  |               |                                                                                         |     |

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| C                                                                                                                     | 具備跨領域知識之整合能力，並能運用多元的策略落實於社會改革，以解決本土與全球的環境問題<br>To implement sustainable lifestyles based on environmental ethics and ecological principles                                                                     |  |
| D                                                                                                                     | 能整合生態及社會文化的觀點，以獨立或團體動力方式評估環境議題，澄清相關的價值觀，並提出解決方案<br>To implement ecological and social perspectives as an individual or in groups to evaluate, clarify, and provide solutions for relevant environmental issues |  |
| E                                                                                                                     | 具備在大學、政府、企業、第三部門或研究機構進行研究、教學、與社會關懷的能力<br>The ability to do research, teach and encourage social concern in universities, governments, companies, NGO' s or institutes                                          |  |
| 圖示說明Illustration：● 高度相關 Highly correlated ○ 中度相關 Moderately correlated                                                |                                                                                                                                                                                                                |  |
| 課程大綱<br>Course Outline                                                                                                |                                                                                                                                                                                                                |  |
| 本課程將介紹本院各專業領域之發展，邀請國內外學者專家進行學術演講，經由學術交流及討論，使學生瞭解各領域之最新發展。                                                             |                                                                                                                                                                                                                |  |
| 資源需求評估（師資專長之聘任、儀器設備的配合．．．等）<br>Resources Required (e.g. qualifications and expertise, instrument and equipment, etc.) |                                                                                                                                                                                                                |  |
| 1. 邀請國內外學者專家演講。<br>2. 電腦、單槍投影機、影音及擴音設備。                                                                               |                                                                                                                                                                                                                |  |
| 課程要求和教學方式之建議<br>Course Requirements and Suggested Teaching Methods                                                    |                                                                                                                                                                                                                |  |
| 本課程安排每週不同主題之演講及討論，並鼓勵同學提出問題。                                                                                          |                                                                                                                                                                                                                |  |
| 其他<br>Miscellaneous                                                                                                   |                                                                                                                                                                                                                |  |
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