



課 綱 Course Outline
自然資源與環境學系碩士班一般組

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| 中文課程名稱 Course Name in Chinese | 生物多樣性保育教育 | | | | |
| 英文課程名稱 Course Name in English | Conservation education of biodiversity | | | | |
| 科目代碼 Course Code | EEE_51600 | 班 別 Degree | 碩士班 Master' s | | |
| 修別 Type | 選修 Elective | 學分數 Credit(s) | 3.0 | 時 數 Hour(s) | 3.0 |
| 先修課程 Prerequisite | | | | | |
| 課程目標 Course Objectives | | | | | |
| 瞭解生物多樣性內涵、現況、面臨的危機及國際保育趨勢，學習生物多樣性教學策略並能應用於正規與非正規教學現場，以協助推動台灣生物多樣性保育教育 | | | | | |
| 系教育目標 Dept.' s Education Objectives | | | | | |
| 1 | 培養兼具國際視野與本土關懷的學生 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 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 To teach students to be environmental citizens (i.e., knowledgeable about environmental ethics and human issues) | | | | |
| 系專業能力 Basic Learning Outcomes | | | | 課程目標與系專業能力相關性 Correlation between Course Objectives and Dept.' s Education Objectives | |
| A | 能覺知多元的自然科學與社會科學理論並具備研究能力 To have knowledge of natural and social science theories | | | | ○ |
| B | 具備自然資源與人類社會議題之調查分析、規劃與經營之能力 To be able to investigate, analyze, plan, and manage both natural resource and human social issues | | | | ● |

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| C | 具備將環境倫理與生態思想落實於永續性生活型態的能力 To implement sustainable lifestyles based on environmental ethics and ecological principle | ● |
| D | 能以整全式的觀點來解析環境問題，並具備發展系統性解決方案的能力 To resolve environmental issues and develop systematic solutions with a global perspective | ● |
| E | 具備系統分析、未來思考、溝通協調與團隊合作的能力 The ability to analyze, plan, communicate, and coordinate with others (teamwork) | ● |
| F | 具備終身學習、國際視野與外語溝通的能力 To instill the values of lifelong learning, an international perspective, and the ability to communicate in a foreign language | ○ |

圖示說明Illustration：● 高度相關 Highly correlated ○ 中度相關 Moderately correlated

課程大綱
Course Outline

- 一、生物多樣性概念及定義
- 二、生物多樣性的變遷
- 三、生物多樣性的研究與調查
- 四、生物多樣性的重要性
- 五、人類對生物多樣性的衝擊
- 六、生物多樣性保育
- 七、生物多樣性政策及法規
- 八、台灣生物多樣性之現況
- 九、生物多樣性的教學策略

資源需求評估（師資專長之聘任、儀器設備的配合．．．等）
Resources Required (e.g. qualifications and expertise, instrument and equipment, etc.)

電腦及多媒體器材、野外調查器材

課程要求和教學方式之建議
Course Requirements and Suggested Teaching Methods

教師室內講授、學生書報討論及發表、學生專題研究、野外參訪與調查

其他
Miscellaneous