



課 綱 Course Outline

縱谷跨域書院學士學位學程學士班

中文課程名稱 Course Name in Chinese	生態學導論：環境議題的探索				
英文課程名稱 Course Name in English	Introduction to Ecology				
科目代碼 Course Code	RVIS10040	班 別 Degree	學士班 Bachelor's		
修別 Type	學程 Program	學分數 Credit(s)	2.0	時 數 Hour(s)	2.0
先修課程 Prerequisite					
課程目標 Course Objectives					
1. 了解生態學基礎概念 2. 認識花蓮生態環境 3. 了解花蓮及台灣環境議題					
系教育目標 Dept.'s Education Objectives					
1	靈敏探索的智識：保有思維的靈活與自由，培養豐厚的學理素養。 Intellectual knowledge of sensitive exploration: to keep the flexibility and freedom of thinking, cultivate rich academic literacy.				
2	客觀同理的情感：保有視野的遼闊與深刻，培養利他的公民責任。 Objective and empathic emotion: to keep the breadth and depth of vision, cultivate altruistic civic responsibility.				
3	堅若磐石的企圖：保有態度的誠摯與積極，培養永續的生涯目標。 Be firm as a rock: to keep a sincere and positive attitude, cultivate a sustainable career goal.				
4	自強不息的鬥志：保有人格的獨特與完整，培養創新的社會實踐。 Ceaseless effort of self-improvement: keep the uniqueness and integrity of personality, cultivate innovative social practice.				
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	放心：具備內在省察的心靈體驗 Seek for the Self: spiritual experiences with internal inspection				○

B	博學：具備跨域視野的教育理念 Study Extensively: one' s own educational philosophy with a cross domain perspective	●
C	審問：具備嚴謹研討的問學精神 Enquire Prudently: learning spirit with rigorous discussion	●
D	慎思：具備獨立思考的論證素養 Reflect Carefully: demonstration literacy based on independent thinking	●
E	明辨：具備辨別真相的專業知識 Discriminate Clearly: expertise which can identify the truth	●
F	篤行：具備社會實踐的生命熱忱 Practice Earnestly: social practice from great enthusiasm for life	○

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

課程大綱
Course Outline

1. 課程簡介
2. 花蓮環境因子與資源
3. 花蓮環境因子與資源
4. 花蓮生物（個體、族群）
5. 花蓮生物（個體、族群）-校園實地踏查
6. 生物的演化
7. 生物的演化-校園實地踏查
8. 物種間交互作用
9. 期中報告
10. 期中報告
11. 花蓮生態系
12. 花蓮生態系-戶外教學
13. 台灣環境議題
14. 花蓮外來種-校園實地踏查
15. 永續發展
16. 生態保育
17. 期末報告
18. 期末報告

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.)

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

其他
Miscellaneous