②國立東華大學

課 綱 Course Outline

自然資源與環境學系碩士班

中文課程名稱 Course Name in Chinese	環境風險評估與管理.	專論			
英文課程名稱 Course Name in English	Special Topics on H Management	Environmental R	isk Assessmo	ent and Risk	
科目代碼 Course Code	NRES51100	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	無			· · · · ·	
	Cou	課程目標 rse Objectives			
 " does not have a risk management an the multidisciplin these functions, i types and sources uncertainty 1 培養兼具國際視望 	an important element simple definition. W d risk communication ary fields then to le ncluding their limita of uncertainties in r Dept.'s E 野與本土關懷的學生 學與社會科學知識的人ス	Ve will include in this course. earn the methods ations. In addit risk assessments 系教育目標 Education Object	the basics This cours and tools tions, you and find	of risk asses se needs to un used in perfo will be aware	sment, derstand rming of the
3 培養具備環境倫理	理與人文素養的環境公民	£		理积日梗	與系專業能
系專業能力 Basic Learning Outcomes				力相關性 Correlat between Objectiv	ion Course es and Education
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					
	人類社會議題之調查分林		能力		
	與生態思想落實於永續也				
	點來解析環境問題,並具		決方案的能力	か	
	未來思考、溝通協調與團	· · ·			
	國際視野與外語溝通的角				
圖示說明Illustrati	on :● 高度相關 High	nly correlated (○中度相關!	Moderately cor	related
		課程大綱			

Course Outline				
I. Environmental Risk Assessment and Management				
2. The structure of Environmental Risk Assessment				
3. The Role of Modeling in the Risk Assessment Process				
4. The Role of Modeling in the Risk Assessment Process				
5. Overview of Hazard Assessment and Characterization				
6. Approach to Risk Assessment of Chemical Mixtures				
7. Human Health Risk Assessment				
8. Risk Communication				
9. Risk Management Plan				
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.)				
PC, Projector, Not book, Field trip.				
課程要求和教學方式之建議				
Course Requirements and Suggested Teaching Methods				
This course uses a "Learn-Think-Do" model. To practice by doing:				
Weekly Reading Assignments, Assignments, midterm take home exam,				
term paper and oral presentation				
其他				
Miscellaneous				