

**Requirements of Master of Humanity and Environmental Science Program  
Academic Year 106**

**Course Requirement:**

Minimal Total Credits : 25 credits

Required Courses : 13 credits

Elective Courses : 12 credits

**Required Courses**

Course Name	Credits	Course Name	Credits
Seminar*	4	Independent Study**	6
Socio-Ecological Systems & Traditional Knowledge	3	Master Thesis	0

\* Seminar course (two credit hours each): Students should take seminar twice and are limited to one seminar course each semester.

\*\* Independent Study (two credit hours each): After students have selected an advisor, they should take Independent Study three times and are limited to one course of Independent study each semester.

**Elective Courses**

Course Name	Credits	Course Name	Credits
<b>Environmental Policy and Governance</b>			
Environmental Justice	3	Special Topics on Environmental Governance	3
Sustainable Environment & Development: A Global Perspective	3	Climate Change and Sustainability	3
<b>Science-based Management</b>			
Socio-Ecological System Stewardship and Protected Area Management	3	Wildlife Ecology, Conservation and Management	3
Readings in Human Dimensions of Wildlife Conservation	3	Remote Sensing and GIS	3
Research Proposal Writing in Environmental Sciences	3	Scientific Writing	3
Scientific Method	3		
<b>Applied Ecology and Humanity</b>			
History and Philosophy of Ecological Theories	3	Environmental Sociology	3
Environmental Measuring and Monitoring	3	Indigenous Peoples and Eco-Culture Tourism	3
Special Topics on Ecology	3	Special Topics on Ecosystem Ecology	3
Introduction to Biogeography	3	Biodiversity and Conservation	3

Research Methods in Natural Resources (I)	3	Research Methods in Natural Resources (II)	3
Introduction to Statistics	3		

1. All students must fulfill the following requirements for graduation:
  - (1) Each student must complete at least 25 credit hours of all-English-taught courses at the graduate level, including 13 required and 12 elective credit hours. The details of course registration are described in points 2 and 3.
  - (2) Each student must complete a thesis and meet the requirements for thesis submission set by National Dong Hwa University.
  - (3) Each student must hold an oral defense for their thesis in front of a thesis committee with at least three members.
  - (4) The maximum number of credits for each semester is 12 credits, Chinese Language Courses are not included.
  
2. Required courses are described below:
  - (1) Seminar course (two credit hours each): Students should take seminar twice and are limited to one seminar course each semester.
  - (2) Independent Study (two credit hours each): After students have selected an advisor, they should take Independent Study three times and are limited to one course of Independent study each semester.
  - (3) Master Thesis: Students should take Master Thesis during their fourth semester.
  - (4) Credits for the above courses are earned only for courses in which a grade of B- or higher is received.
  
3. Students should satisfy the requirements for elective courses with the following regulations:
  - (1) Students may take graduate-level, English-taught courses offered within or outside the Humanity and Environmental Sciences program to satisfy the nine remaining elective credit hours. However, each student must obtain approval from his/her advisor and the dean of the College of Environmental Studies prior to the inclusion of courses provided outside the College of Environmental Studies international programs as graduation requirement.
  - (2) Credits for the above courses are earned only for courses in which a grade of B- or higher is received.

## 環境學院人文與環境碩士學位學程課規

106 學年度適用

最低畢業學分數：25 學分。

必修：13 學分。

選修：12 學分。

### 必修

課程名稱	學分數	課程名稱	學分數
專題討論*	4	獨立研究**	6
社會 - 生態系統與傳統知識	3	碩士論文	0

\* 專題討論 (每門課二學分)：學生須修習通過此課二次，且每學期只得上一專題討論課程。

\*\*獨立研究 (每門課二學分)：學生選定指導教授後始得修習，並須修習通過此課三次，且每學期只得上一獨立研究課程。

### 選修

課程名稱	學分數	課程名稱	學分數
<b>環境政策與治理</b>			
環境正義	3	環境治理專題	3
全球視野之永續環境與發展專論	3	氣候變遷與永續發展專題	3
<b>基於科學基礎的管理</b>			
社會 - 生態系統治理與保護區管理	3	野生動物生態、保育與經營管理	3
野生動物保育人文學導讀	3	遙測與地理資訊系統	3
環境科學研究計畫寫作	3	科學寫作	3
科學方法	3		
<b>應用生態學及人文領域</b>			
生態理論的歷史與哲學	3	環境社會學專題	3
環境測量與監測	3	原住民與生態 - 文化旅遊	3
生態學專題	3	生態系生態學專題	3
生物地理學概論	3	生物多樣性與保育	3
自然資源研究方法 (一)	3	自然資源研究方法 (二)	3
統計學緒論	3		

重要相關規定：

1. 學生須滿足下列要求，始得畢業：

- (1). 須修畢並通過 25 學分 ( 必修 13 學分及選修 12 學分 ) 以上之全英語授課，與碩、博士層級課程。修課相關規定請參閱第二點及第三點。
- (2). 須完成論文與滿足國立東華大學對論文提交之各項規定。
- (3). 須舉行論文口試，口試委員至少需 3 ( 含 ) 人以上。
- (4). 每學期修課學分上限為 12 ( 含 ) 學分 ( 華語課程不計 )。

2. 必修課程相關規定：

- (1). 專題討論 ( 每門課二學分 ) : 學生須修習通過此課二次，且每學期只得上一專題討論課程。
- (2). 獨立研究 ( 每門課二學分 ) : 學生選定指導教授後始得修習，並須修習通過此課三次，且每學期只得上一獨立研究課程。
- (3). 碩士論文：入學第四學期始得修習。
- (4). 每門課成績要求為 B<sup>-</sup> ( 含 ) 以上。

3. 選修課程相關規定：

- (1). 修讀外院系、外校所開設之碩、博士層級，且全英語授課課程，經由學生指導教授及環境學院院長於修課前同意，始得計入該生選修科目之畢業學分數內。
- (2). 每門課成績要求為 B<sup>-</sup> ( 含 ) 以上。